CD/USB RECEIVER WITH ADVANCED BLUETOOTH

CDE-154EBT/CDE-154EBTTH

Made for iPod iPhone

Alpine TuneIt App

24bit D/A CONVERTER

Variable RGB Illumination

compatible

x3 PREOUTS

EN

- **OWNER'S MANUAL**
  Please read before using this equipment.

TH
ID

- **คู่มืออ้างอิงฉบับย่อ**
  สำหรับรายละเอียดของฟังก์ชันทั้งหมด โปรดอ้างอิงจากเนื้อหาภาษาอังกฤษ
- **PANDUAN REFERENSI SINGKAT**
  Untuk informasi tentang semua fungsi, baca materi berbahasa Inggris.

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- *The illustrations on this Owner's Manual use CDE-154EBT as an example.*

Operating Instructions

WARNING

⚠ WARNING

This symbol means important instructions. Failure to heed them can result in serious injury or death.

DO NOT OPERATE ANY FUNCTION THAT TAKES YOUR ATTENTION AWAY FROM SAFELY DRIVING YOUR VEHICLE.
Any function that requires your prolonged attention should only be performed after coming to a complete stop. Always stop the vehicle in a safe location before performing these functions. Failure to do so may result in an accident.

KEEP THE VOLUME AT A LEVEL WHERE YOU CAN STILL HEAR OUTSIDE NOISES WHILE DRIVING.
Excessive volume levels that obscure sounds such as emergency vehicle sirens or road warning signals (train crossings, etc.) can be dangerous and may result in an accident. LISTENING AT LOUD VOLUME LEVELS IN A CAR MAY ALSO CAUSE HEARING DAMAGE.

DO NOT DISASSEMBLE OR ALTER.
Doing so may result in an accident, fire or electric shock.

USE ONLY IN CARS WITH A 12 VOLT NEGATIVE GROUND.
(Check with your dealer if you are not sure.) Failure to do so may result in fire, etc.

KEEP SMALL OBJECTS SUCH AS BATTERIES OUT OF THE REACH OF CHILDREN.
Swallowing them may result in serious injury. If swallowed, consult a physician immediately.

USE THE CORRECT AMPERE RATING WHEN REPLACING FUSES.
Failure to do so may result in fire or electric shock.

DO NOT BLOCK VENTS OR RADIATOR PANELS.
Doing so may cause heat to build up inside and may result in fire.

USE THIS PRODUCT FOR MOBILE 12V APPLICATIONS.
Use for other than its designed application may result in fire, electric shock or other injury.

DO NOT PLACE HANDS, FINGERS OR FOREIGN OBJECTS IN INSERTION SLOTS OR GAPS.
Doing so may result in personal injury or damage to the product.

⚠ CAUTION

This symbol means important instructions. Failure to heed them can result in injury or material property damage.

HALT USE IMMEDIATELY IF A PROBLEM APPEARS.
Failure to do so may cause personal injury or damage to the product. Return it to your authorized Alpine dealer or the nearest Alpine Service Centre for repairing.

DO NOT MIX NEW BATTERIES WITH OLD BATTERIES. INSERT WITH THE CORRECT BATTERY POLARITY.
When inserting the batteries, be sure to observe proper polarity (+ and –) as instructed. Rupture or chemical leakage from the battery may cause fire or personal injury.

⚠ PRECAUTIONS

Product Cleaning
Use a soft dry cloth for periodic cleaning of the product. For more severe stains, please dampen the cloth with water only. Anything else has the chance of dissolving the paint or damaging the plastic.

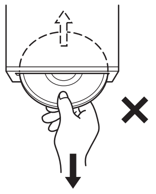
Temperature
Be sure the temperature inside the vehicle is between +60°C (+140°F) and −10°C (+14°F) before turning your unit on.

Moisture Condensation
You may notice the CD playback sound wavering due to condensation. If this happens, remove the disc from the player and wait about an hour for the moisture to evaporate.

Damaged Disc
Do not attempt to play cracked, warped, or damaged discs. Playing a bad disc could severely damage the playback mechanism.

Maintenance
If you have problems, do not attempt to repair the unit yourself. Return it to your Alpine dealer or the nearest Alpine Service Station for servicing.

Never Attempt the Following
Do not grip or pull out the disc while it is being pulled back into the player by the automatic reloading mechanism.
Do not attempt to insert a disc into the unit when the unit power is off.

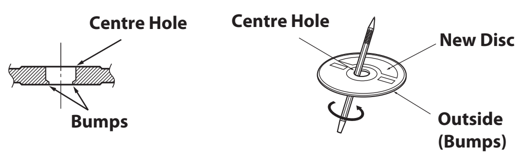


Inserting Discs

Your player accepts only one disc at a time for playback. Do not attempt to load more than one disc.
Make sure the label side is facing up when you insert the disc. "ERROR" will be displayed on your player if you insert a disc incorrectly. If "ERROR" continues to be displayed even though the disc has been inserted correctly, push the **RESET** switch with a pointed object such as a ballpoint pen.
Playing a disc while driving on a very bumpy road may result in skips, but this will not scratch the disc or damage the player.

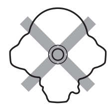
New Discs

To prevent the CD from jamming, "ERROR" is displayed if discs with irregular surfaces are inserted or if discs are inserted incorrectly. When a new disc is ejected immediately after initial loading, use your finger to feel around the inside of the centre hole and outside edge of the disc. If you feel any small bumps or irregularities, this could inhibit proper loading of the disc. To remove the bumps, rub the inside edge of the hole and outside edge of the disc with a ballpoint pen or other such instrument, and then insert the disc again.



Irregular Shaped Discs

Be sure to use round discs only for this unit and never use any special shaped discs.
Use of special shape discs may cause damage to the mechanism.

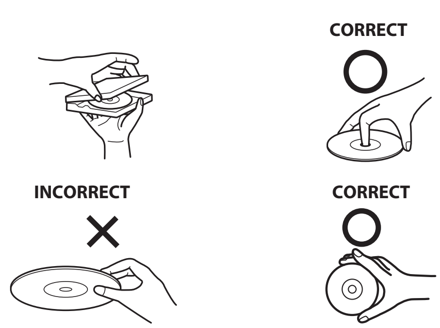


Installation Location

Make sure this unit will not be installed in a location subjected to:
- Direct sun and heat
- High humidity and water
- Excessive dust
- Excessive vibrations

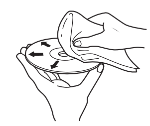
Correct Handling

Do not drop the disc while handling. Hold the disc so you will not leave fingerprints on the surface. Do not affix tape, paper, or gummed labels to the disc. Do not write on the disc.



Disc Cleaning

Fingerprints, dust, or soil on the surface of the disc could cause the CD player to skip. For routine cleaning, wipe the playing surface with a clean, soft cloth from the centre of the disc to the outer edge. If the surface is heavily soiled, dampen a clean, soft cloth in a solution of mild neutral detergent before cleaning the disc.



Disc Accessories

There are various accessories available on the market for protecting the disc surface and improving sound quality. However, most of them will influence the thickness and/or diameter of the disc. Using such accessories can cause the disc to be out of standard specifications and may create operational problems. We recommend not using these accessories on discs played in Alpine CD players.



On handling Compact Discs (CD/CD-R/CD-RW)

- Do not touch the surface.
- Do not expose the disc to direct sunlight.
- Do not affix stickers or labels.
- Clean the disc when it is dusty.
- Make sure that there are no bumps around the disc.
- Do not use commercially available disc accessories.

Do not leave the disc in the car or the unit for a long time. Never expose the disc to direct sunlight. Heat and humidity may damage the CD and you may not be able to play it again.

To customers using CD-R/CD-RW
- If a CD-R/CD-RW cannot be played back, make sure the last recording session was closed (finalised).
- Finalise the CD-R/CD-RW if necessary, and attempt playback again.

About media that can be played

Use only compact discs with the label side showing the CD logo marks below.

COMPACT disc DIGITAL AUDIO   COMPACT disc DIGITAL AUDIO TEXT

If you use non-standard compact discs, correct performance cannot be guaranteed.
You can play CD-Rs (CD-Recordables)/CD-RWs (CD-ReWritables) which have been recorded only on audio devices. You can also play CD-Rs/CD-RWs containing MP3 formatted audio files.
- Some of the following CDs may not play on this unit:
  Flawed CDs, CDs with fingerprints, CDs exposed to extreme temperatures or sunlight (e.g., left in the car or this unit), CDs recorded under unstable conditions, CDs on which a recording failed or a re-recording was attempted, copy-protected CDs which do not conform to the audio CD industry standard.

- Use discs with compressed audio files written in a format compatible with this unit. For details, refer to "About MP3/WMA/AAC" on page 13.
- Data files, other than audio, on the disc are ignored and are not played back.

Protecting the USB Port

- Only USB Memory devices or iPod/iPhone can be connected to the USB port on this unit. Correct performance using other USB products cannot be guaranteed. A USB hub is not supported.
- If the USB connector is used, be sure to use a USB extension cable (supplied).
- Depending on the connected USB Memory device, the unit may not function or some functions may not be performed.
- The audio file format that can be played back on the unit is MP3/ WMA/AAC.
- Artist/song name, etc., can be displayed, however some characters may not be correctly displayed.

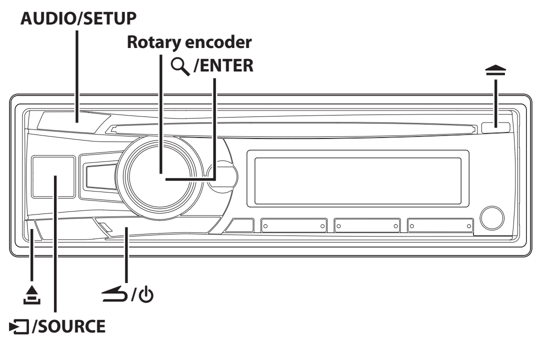
On Handling USB Memory

⚠CAUTION

Alpine accepts no responsibility for lost data, etc., even if data, etc., is lost while using this product.

- To prevent malfunction or damage, note the following points. Read the USB Memory Owner's Manual thoroughly.
- Fix the USB Memory in a location where driver operation will not be hindered.
- USB Memory may not function correctly at high or low temperature.
- Use only certified USB Memory Devices. Please pay attention that even certified USB Memory, may not function correctly depending on its type or state.
- USB Memory function is not guaranteed. Use USB Memory according to the terms of agreement.
- Depending on the settings of the USB Memory type, memory state or encoding software, the unit may not play back or display properly.
- A file that is copy-protected (copyright protection) cannot be played back.
- USB Memory may take time to start playback. If there is a particular file other than audio in the USB Memory, it may take considerable time before the file is played back or searched.
- The unit can play back "mp3", "wma" or "m4a" file extensions.
- Do not add the above extensions to a file other than audio data. This non-audio data will not be recognised. The resulting playback may contain noise that can damage speakers and/or amplifiers.
- It is recommended to back up important data on a personal computer.
- Do not remove the USB device while playback is in progress. Change SOURCE to something other than USB, and then remove the USB device to prevent possible damage to its memory.

Getting Started



Accessory List

- **Head Unit** 1
- **Power Cable** 1
- **USB extension cable**...1
- **Microphone** 1
- **Mounting Sleeve** 1
- **Carrying Case**..1
- **Bracket Key** 2
- **Screw (M5 × 8)** 4
- **Remote Control** 1
- **Owner's Manual**...1 set

Turning Power On and Off

Press ⏎ / ⏻ to turn on the unit.

Note

- *The unit can be turned on by pressing any other button except ⏏ and ⏏ (Release).*

Press and hold ⏎ / ⏻ for at least 2 seconds to turn off the unit.

Note

- *The first time power is turned on, the volume will start from level 12.*

Demonstration Function

This unit has a demonstration feature for display. When Demo mode is set to ON (initial setting), the unit starts the demonstration if there is no operation for 30 seconds.
When installing this unit in a car for the first time, the DEMO OFF screen will be displayed for 30 seconds after turning on the unit.

Press 🔍 / ENTER within 30 seconds to turn off the Demonstration mode*.

Otherwise, the Demo mode remains ON and the unit starts the demonstration if there is no operation for 30 seconds.

* *The operation is the same as setting DEMO MODE to OFF in the Setup menu. However, if the unit is disconnected from the vehicle's battery, DEMO MODE will be switched to ON automatically when the unit is used next time. If you want to completely close the Demo mode, set DEMO MODE to QUITE OFF. For details, please refer to "Demonstration" on page 21.*

Source Selection

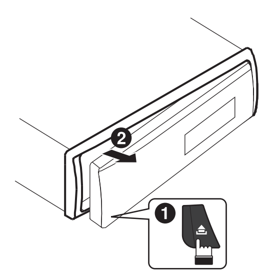
Press ⇥ / SOURCE to change the source.

TUNER → DISC → USB AUDIO*1/iPod*2 → BT AUDIO*3 → PANDORA*4/*5 → AUXILIARY*6 → TUNER

*1 *Displayed only when no iPod/iPhone is connected.*
*2 *Displayed only when the iPod/iPhone is connected.*
*3 *Displayed only when BT IN is set to ON, refer to "Setting the BLUETOOTH Connection (BT IN)" on page 24.*
*4 *Not displayed when ALPINE APP is set to OFF, refer to "Setting the communication mode with a Smartphone (ALPINE APP)" on page 23.*
*5 *Only for CDE-154EBT.*
*6 *Refer to "Using the Front AUX Input Terminal" on page 18.*

Detaching and Attaching the Front Panel

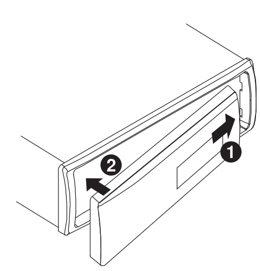
Detaching



Notes

- *The front panel may become hot in normal usage (especially the connector terminals on the back of the front panel). This is not a malfunction.*
- *To protect the front panel, place it in the supplied carrying case.*
- *When detaching the front panel, do not apply excessive force as it may result in malfunction.*

Attaching

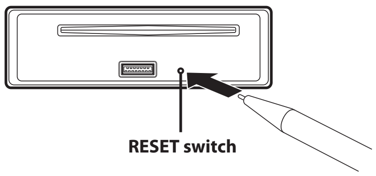


Notes

- *Before attaching the front panel, make sure that there is no dirt or dust on the connector terminals and no foreign object between the front panel and the main unit.*
- *Attach the front panel carefully, holding the sides of the front panel to avoid pushing buttons by mistake.*

Initial System Start-Up

Be sure to press the **RESET** switch when using the unit for the first time, after changing the car battery, etc.



Adjusting Volume

Turn the Rotary encoder until the desired sound is obtained.

Setting Time

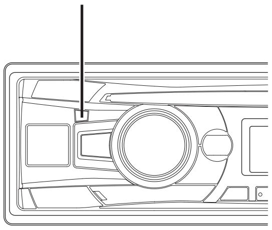
1. **Press and hold AUDIO/SETUP for at least 2 seconds to activate the SETUP selection mode.**
2. **Turn the Rotary encoder to select GENERAL, and then press 🔍/ENTER.**
3. **Turn the Rotary encoder to select the CLOCK ADJ mode, and then press 🔍/ENTER.**
   The time indication will blink.
4. **Turn the Rotary encoder to adjust the hours while the time indication is blinking.**
5. **When the hour has been adjusted, press 🔍/ENTER.**
6. **Turn the Rotary encoder to adjust the minutes while the time indication is blinking.**
7. **Press and hold AUDIO/SETUP for at least 2 seconds to return to normal mode.**

Notes

- *To synchronise the clock to another clock/watch or radio time announcement, press and hold* 🔍**/ENTER** *for at least 2 seconds after setting the "hour". Minutes will reset to "00". If the display shows over "30" minutes when you do this, the time will advance one hour.*
- *Pressing* ⏏ *will return to the previous mode.*
- *If no operation is performed for 60 seconds, the unit will return to normal mode automatically.*

Controllable with Remote Control

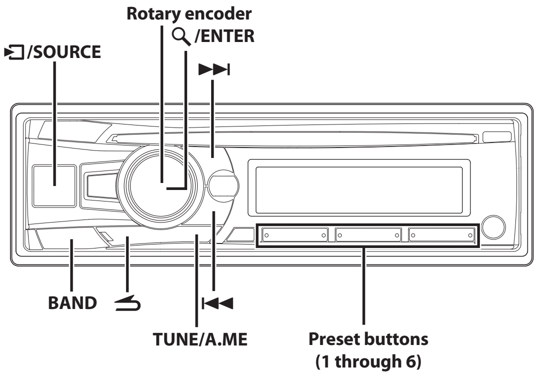
This unit can be controlled with an optional Alpine remote control. For details, consult your Alpine dealer.
Point the optional remote control transmitter at the remote control sensor.



Connectable to Remote Control Interface Box

With an optional Alpine Steering Wheel Remote Control Interface Box (not included), this unit is controllable from the vehicles steering wheel controls. For details, contact your Alpine dealer.

Radio



Listening to Radio

1 **Press /SOURCE to select TUNER mode.**

2 **Press BAND repeatedly until the desired radio band is displayed.**

FM1 → FM2 → AM → FM1

3 **Press TUNE/A.ME to select the tuning mode.**

DX SEEK (Distance mode) → LOCAL SEEK (Local mode) → MANUAL (Manual mode) → DX SEEK

Note

- *The initial mode is Distance mode.*

Distance mode:
Both strong and weak stations will be automatically tuned in (Automatic Seek Tuning).

Local mode:
Only strong stations will be automatically tuned in (Automatic Seek Tuning).

Manual mode:
The frequency is manually tuned in steps (Manual tuning).

4 **Press I◀◀ or ▶▶I to tune in the desired station.**

Holding down I◀◀ or ▶▶I will change the frequency continuously.

Presetting Stations Manually

While receiving the station that you want to store, press and hold, for at least 2 seconds, any one of the preset buttons (1 through 6) into which you wish to store the station.

The display shows the band, preset number and station frequency memorized.

Notes

- *A total of 18 stations can be stored in the preset memory (6 stations for each band; FM1, FM2 and AM).*
- *If you store a station in a preset memory which already has a station, the current station will be cleared and replaced with the new station.*

Presetting Stations Automatically

1 **Press BAND repeatedly until the desired radio band is displayed.**

2 **Press and hold TUNE/A.ME for at least 2 seconds.**

The frequency on the display continues to change while the automatic memory is in progress. The tuner will automatically seek and store 6 strong stations in the selected band. They will be stored into preset buttons 1 to 6 in order of signal strength. When the automatic memory has been completed, the tuner goes to the station stored in preset location No.1.

Note

- *If no stations are stored, the tuner will return to the original station you were listening to before the auto memory procedure began.*

Tuning to Preset Stations

Select the band, and then press any one of the station preset buttons (1 through 6) that has your desired radio station in memory.

The display shows the band, preset number and frequency of the station selected.

Frequency Search Function

You can search for a radio station by its frequency.

1 **Press /ENTER in Radio mode to activate Frequency search mode.**

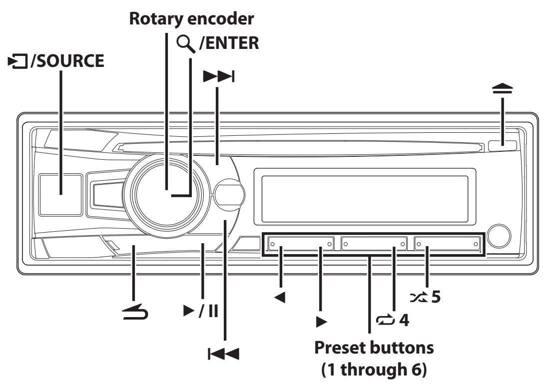
2 **Turn the Rotary encoder to select the desired frequency.**

3 **Press /ENTER to receive the selected frequency.**

Note

- *Press in the search mode to cancel. Or, the search mode will be cancelled if no operation is performed for 60 seconds.*

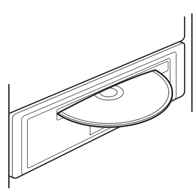
CD/MP3/WMA/AAC



Playback

1 Insert a disc with the label side facing up.

The disc will be pulled into the unit automatically.



Note

- *When a disc is already inserted, press* **/SOURCE** *to switch to the DISC mode.*

2 While playing back MP3/WMA/AAC, press ◀ or ▶ to select the desired folder.

3 Press I◀◀ or ▶▶I to select the desired track (file).

Pressing and holding I◀◀ or ▶▶I will fast backward/fast forward track continuously.

4 To pause playback, press ▶/II.

Pressing ▶/II again will resume playback.

5 To eject the disc, press ⏏.

Notes

- *Do not remove a CD during its eject cycle. Do not load more than one disc at a time. A malfunction may result from doing either.*
- *Three-inch (8 cm) CDs cannot be used.*
- *Any file protected by DRM (Digital Rights Management) copy protection, cannot be played back on this unit.*
- *The track display for MP3/WMA/AAC data playback is the file numbers recorded on the disc.*
- *The playback time may not be correctly displayed when a VBR (Variable Bit Rate) recorded file is played back.*

Repeat and Random Play

1 During playback, Press 4 or 5 repeatedly until the setting appears.

REPEAT ONE:
Track/file is played back repeatedly.

REPEAT FOLDER*:
Files in a folder are played back repeatedly.

MIX FOLDER*:
Files in a folder are played back randomly.

MIX ALL:
All files in the disc or USB Memory are played back randomly.

* *When MP3/WMA/AAC files are played back.*

2 To cancel repeat or M.I.X. play, select (OFF) with the above procedure.

Notes

- *indicator lights up during repeat play mode.*
- *indicator lights up during random play mode.*

Searching for CD Text

On discs utilizing CD Text, songs can be searched and played by using their recorded titles. For discs without CD Text, searches are made using the track numbers associated with each song.

1 Press /ENTER during play.

2 Turn the Rotary encoder to select the desired track, and then press /ENTER.

This will play the selected track.

Notes

- *Press any of the* **preset buttons (1 through 6)** *during a search to skip over a calculated percentage of tracks. For details, refer to "Direct Search Function" on page 32.*
- *Press in the search mode to cancel. Or, the search mode is cancelled if no operation is performed for 60 seconds.*
- *When CD Text Search is made during M.I.X. play, the M.I.X. play mode will be cancelled.*

Folder/File Name Search (concerning MP3/WMA/AAC)

Folder and file names may be searched and displayed during playback.

Folder Name Search mode

1 During MP3/WMA/AAC playback, press /ENTER to activate the search mode.

2 Turn the Rotary encoder to select Folder Name Search mode, and then press /ENTER.

3 Turn the Rotary encoder to select the desired folder.

4 Press and hold /ENTER for at least 2 seconds to play back the first file in the selected folder.

Notes
- *Press any of the* **preset buttons (1 through 6)** *during a Folder Name search to skip over a calculated percentage of folders. For details, refer to "Direct Search Function" on page 32.*
- *Press ⏎ in the search mode to return to the previous mode. Or, the search mode is cancelled if no operation is performed for 60 seconds.*
- *To search for files in the Folder Name Search mode, press* **🔍/ENTER**. *Files in the folder may be searched.*
- *The root folder is displayed as "\ROOT".*
- *When Folder Name Search is made during M.I.X. play, the M.I.X. play mode will be cancelled.*

File Name Search mode

1. **During MP3/WMA/AAC playback, press 🔍/ENTER to activate the search mode.**
2. **Turn the Rotary encoder to select File Name Search mode, and then press 🔍/ENTER.**
3. **Select the desired file by turning the Rotary encoder.**
4. **Press 🔍/ENTER to play back the selected file.**

Notes
- *Press any of the* **preset buttons (1 through 6)** *during a File name search to skip over a calculated percentage of files. For details, refer to "Direct Search Function" on page 32.*
- *Press ⏎ in the search mode to return to the previous mode. Or, the search mode is cancelled if no operation is performed for 60 seconds.*
- *When File Name Search is made during M.I.X. play, the M.I.X. play mode will be cancelled.*

Search Position Memory

During playback, you can quickly return to the last-selected hierarchy level in the search mode.

Press ⏎.

The hierarchy you selected last in the search mode is displayed.

About MP3/WMA/AAC

⚠CAUTION

Except for private use, duplicating audio data (including MP3/WMA/AAC data) or distributing, transferring, or copying it, whether for free or for a fee, without permission of the copyright holder is strictly prohibited by the Copyright Act and by international treaty.

What is MP3?

MP3, whose official name is "MPEG Audio Layer 3," is a compression standard prescribed by the ISO, the International Standardization Organization and MPEG which is a joint activity institution of the IEC. MP3 files contain compressed audio data. MP3 encoding is capable of compressing audio data at extremely high ratios, reducing the size of music files to as much as one-tenth their original size. This is achieved while still maintaining near CD quality. The MP3 format realises such high compression ratios by eliminating the sounds that are either inaudible to the human ear or masked by other sounds.

What is WMA?

WMA, or "Windows Media™ Audio," is compressed audio data.
WMA is similar to MP3 audio data.

What is AAC?

AAC is the abbreviation for "Advanced Audio Coding," and is a basic format of audio compression used by MPEG2 or MPEG4.

Method for creating MP3/WMA/AAC files

Audio data is compressed using software with MP3/WMA/AAC codecs. For details on creating MP3/WMA/AAC files, refer to the user's manual for that software.
MP3/WMA/AAC files that are playable on this device have the file extensions "mp3" / "wma" / "m4a". Files with no extension cannot be played back (WMA ver. 7.1, 8 and 9 are supported). Protected files are not supported, neither are raw AAC files (using the ".aac" extension).
There are many different versions of the AAC format. Confirm that the software being used conforms to the acceptable formats listed above. It's possible that the format may be unplayable even though the extension is valid.
Playback of AAC files encoded by iTunes is supported.

Supported playback sampling rates and bit rates

MP3

Sampling rates:	48 kHz, 44.1 kHz, 32 kHz, 24 kHz, 22.05 kHz, 16 kHz, 12 kHz, 11.025 kHz, 8 kHz
Bit rates:	8 - 320 kbps

WMA

Sampling rates:	48 kHz, 44.1 kHz, 32 kHz
Bit rates:	32 - 192 kbps

AAC

Sampling rates:	48 kHz, 44.1 kHz, 32 kHz, 24 kHz, 22.05 kHz, 16 kHz, 12 kHz, 11.025 kHz, 8 kHz
Bit rates:	16 - 320 kbps

This device may not play back correctly depending on sampling rates.

ID3 tags/WMA tags

This device supports ID3 tag v1 and v2, and WMA tag.
If tag data is in an MP3/WMA/AAC file, this device can display the title (track title), artist name, and album name ID3 tag/WMA tag data.
This device can only display single-byte alphanumeric characters (up to 30 for ID3 tags and up to 15 for WMA tags) and the underscore. For non-supported characters, "NO SUPPORT" is displayed or the character is displayed as space.
If information contains characters other than ID3 tag information, the audio file may not be played back.
The tag information may not be correctly displayed, depending on the contents.

Producing MP3/WMA/AAC discs

MP3/WMA/AAC files are prepared, then written to a CD-R or CD-RW using CD-R writing software. A disc can hold up to 509 files/255 folders. Playback may not be performed if a disc exceeds the limitations described above.

Media supported

The media that this device can play back are CD-ROMs, CD-Rs, and CD-RWs.

Corresponding File Systems

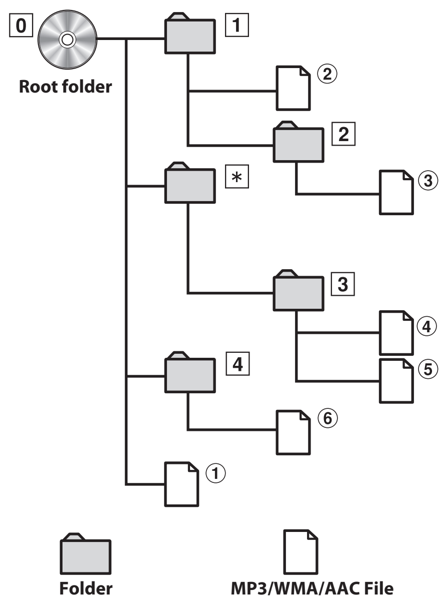
This device supports discs formatted with ISO9660 Level 1 or Level 2.
Under the ISO9660 standard, there are some restrictions to remember.
The maximum nested folder depth is 8 (including the root directory).
The number of characters for a folder/file name is limited.
Valid characters for folder/file names are letters A-Z (all caps), numbers 0-9, and '_' (underscore).
This device also can play back discs in Joliet, Romeo, etc., and other standards that conform to ISO9660. However, sometimes the file names, folder names, etc., are not displayed correctly.

Formats supported

This device supports CD-ROM XA, Mixed Mode CD, Enhanced CD (CD-Extra) and Multi-Session.
This device cannot correctly play back discs recorded with Track At Once or packet writing.

Order of files

Files are played back in the order that the writing software writes them to the disc. Therefore, the playback order may not be what is expected. Verify the writing order in the software's documentation. The playback order of the folders and files is as follows.



* *The folder No./ folder Name will not be displayed if no readable file is contained in the folder.*

Terminology

Bit rate

This is the "sound" compression rate specified for encoding. The higher the bit rate, the higher the sound quality, but also the larger the files.

Sampling rate

This value shows how many times per second the data is sampled (recorded). For example, music CDs use a sampling rate of 44.1 kHz, so the sound is sampled (recorded) 44,100 times per second. The higher the sampling rate, the higher the sound quality, but also the larger the volume of data.

Encoding

Converting music CDs, WAVE (AIFF) files, and other sound files into the specified audio compression format.

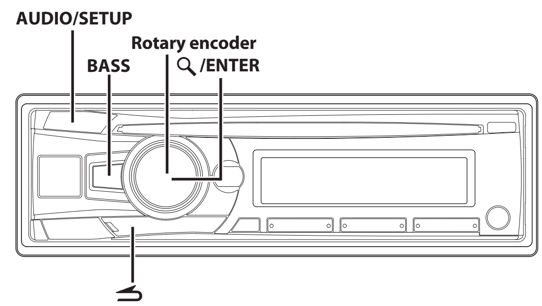
Tag

Song information such as track titles, artist names, album names, etc., written into MP3/WMA/AAC files.

Root folder

The root folder (or root directory) is found at the top of the file system. The root folder contains all folders and files. It is created automatically for all burned discs.

Sound Setting



Adjusting Subwoofer Level/Bass Level/ Treble Level/Balance (Between Left and Right)/Fader (Between Front and Rear)/ Defeat

1 **Press AUDIO repeatedly to choose the desired mode.**

Each press changes the mode as follows:

SUBWOOFER*1/*2 → BASS LEVEL*2/*3 → TRE LEVEL*2/*3 → BALANCE → FADER → DEFEAT → VOLUME → SUBWOOFER

*1 *When the subwoofer mode is set to OFF, its level cannot be adjusted, refer to "Turning Subwoofer ON/OFF" on page 16.*
*2 *Not displayed when BASS ENGINE SQ mode is selected. Refer to "Switching BASS ENGINE SQ mode" on page 17.*
*3 *Adjustable only when DEFEAT is OFF.*

Subwoofer	+0 ~ +15
Bass level	–7 ~ +7
Treble level	–7 ~ +7
Balance	L15 ~ R15
Fader	R15 ~ F15
Defeat	ON/OFF
Volume	0 ~ 35

Note

- *If no operation is performed for 5 seconds, the unit automatically returns to normal mode.*

2 **Turn the Rotary encoder until the desired sound is obtained in each mode.**

By setting DEFEAT ON, previously adjusted level settings of BASS and TREBLE will return to the factory defaults.

Sound Setting

You can flexibly customize the unit to suit your own preference and usage. From the AUDIO SETUP menu, Audio Setting can be modified.

Use steps 1 to 5 to select the category you wish to modify. For details on how to change each setting, see the following sections below.

1 **Press and hold AUDIO/SETUP for at least 2 seconds to activate the SETUP mode.**

2 **Turn the Rotary encoder to select AUDIO, and then press /ENTER.**

3 **Turn the Rotary encoder to select the desired sound setting menu, and then press /ENTER.**

EQ PRESETS[*1/*2/*3] ↔ BASS ENGIN[*4] ↔ PARAMETER[*5] ↔ 9BAND P-EQ[*1/*3/*6] ↔ SOURCE VOL ↔ HPF[*1/*3] ↔ SUBWOOFER[*7] ↔ SUBW LPF[*1/*3/*8] ↔ SUBW PHASE[*1/*8/*9] ↔ SUBW SYS[*3/*8] ↔ POWER IC ↔ MX SETTING[*1/*3] ↔ EQ PRESETS

**1 Adjustment cannot be performed when DEFEAT is set to ON.*
**2 Any changes made to either EQ PRESETS or 9BAND P-EQ are reflected in the others' settings.*
**3 These items are not adjustable in BASS ENGINE SQ mode. If you want to adjust these items separately, follow the confirm message and select "YES" to exit BASS ENGINE SQ mode, then make the setting.*
4 Not displayed when the Audio Setup mode is activated by pressing* **BASS.
**5 Not displayed when BASS ENGIN is set to OFF.*
6 In step 3, after selecting a Band (BAND1 to BAND9) from 9BAND P-EQ adjustment mode. Turn the* **Rotary encoder *to select the desired item, and then press* **/ENTER** *to continue to step 4.*
**7 This item is also related to BASS ENGINE SQ mode when you adjust sound settings via the TuneIt App on a Smartphone. Refer to "Adjusting the sound via the Smartphone" on page 19.*
**8 These functions are inoperable when Subwoofer is set to OFF.*
**9 Not displayed when SUBW LPF is set to OFF.*

4 **Turn the Rotary encoder to change the setting, and then press /ENTER.**

(e.g. Select SUBWOOFER ON or SUBWOOFER OFF)

5 **Press and hold AUDIO/SETUP for at least 2 seconds to return to normal mode.**

Notes
- *Adjustment cannot be performed during a call.*
- *Pressing ↩ returns to the previous Sound menu mode.*
- *If no operation is performed for 60 seconds, Sound menu mode is cancelled.*
- *You can access the Sound menu mode directly by pressing* **BASS** *when BASS ENGIN is set to OFF. Refer to "Setting BASS ENGINE SQ ON/OFF" on page 15.*

Equalizer Presets

10 typical equalizer settings are preset at the factory for a variety of musical source material. USER settings are created in the 9BAND P-EQ mode.

USER ↔ FLAT (Initial setting)↔ POPS ↔ ROCK ↔ NEWS ↔ JAZZ ↔ ELEC DANCE ↔ HIP HOP ↔ EASY LIS ↔ COUNTRY ↔ CLASSICAL

Note
- *The 9-Band, Parametric EQ is used to create the EQ PRESETS settings.*

Setting BASS ENGINE SQ ON/OFF

This function provides a short cut for BASS ENGINE SQ setting.
EQ PRESETS, 9BAND P-EQ, etc., will no longer be adjustable when ON is set.

Setting item: BASS ENGIN

Setting contents:
OFF (Initial setting) / ON

OFF (MANUAL SET mode):
Adjust each audio effect setting separately.

ON (BASS ENGINE SQ mode):
Adjust BASS ENGINE SQ via a short cut.

Note
- *You can also set BASS ENGINE SQ ON/OFF directly by pressing and holding* **BASS**. *Refer to "Switching BASS ENGINE SQ mode" on page 17.*

Displaying the BASS ENGINE SQ PARAMETER

After setting BASS ENGIN to ON, you can display the current BASS ENGINE SQ Parameter.

Setting item: PARAMETER

Displaying contents:
The name of the parameter currently selected is displayed.
(INITIAL / TUNEIT A ~ TUNEIT E)

Adjusting the Parametric Equalizer Curve (9BAND P-EQ)

You can modify the Equalizer settings to create a response curve more appealing to your personal taste.

1 **After selecting a BAND (BAND1 ~ BAND9) from the 9BAND P-EQ adjustment mode, turn the Rotary encoder to select the desired setting item, and then press /ENTER.**

CENTER FRQ ↔ WIDTH (Q) ↔ LEVEL ↔ CENTER FRQ

2 **Turn the Rotary encoder to select the desired setting value, and then press /ENTER.**

3 **Press ↩ to return to the previous step.**

Adjusting the Frequency (CENTER FRQ)

Adjustable frequency bands: 20 Hz to 20 kHz

Band1	20 Hz ~ 100 Hz (63 Hz)
Band2	63 Hz ~ 315 Hz (125 Hz)
Band3	125 Hz ~ 500 Hz (250 Hz)
Band4	250 Hz ~ 1 kHz (500 Hz)
Band5	500 Hz ~ 2 kHz (1 kHz)
Band6	1 kHz ~ 4 kHz (2 kHz)
Band7	2 kHz ~ 7.2 kHz (4 kHz)
Band8	5.8 kHz ~ 12 kHz (8 kHz)
Band9	9 kHz ~ 20 kHz (16 kHz)

Setting the Bandwidth (WIDTH (Q))

Setting contents:
3.0 (Initial setting) / 4.0 / 5.0

Adjusting the Level

Setting contents:
–7 to +7 (Initial setting: 0)

Notes
- *BAND2 and BAND8 are the same as the Bass and Treble controls. Their Level adjustment can also be controlled by pressing* **AUDIO** *and selecting Bass Level or Treble Level. Refer to "Adjusting Subwoofer Level/Bass Level/Treble Level/Balance (Between Left and Right)/Fader (Between Front and Rear)/Defeat" on page 14.*
- *Settings exceeding the frequency of adjacent bands are not available.*
- *While adjusting the 9BAND P-EQ, you should consider the frequency response of the connected speakers.*
- *The 9-Band, Parametric EQ is used to create the EQ PRESETS settings.*

Setting the Source Volume Level

The output level of each source is individually adjustable. For example, if the TUNER level sounds lower than CD, its output can be adjusted without affecting the other sources.

▌**Setting item:** SOURCE VOL

▌**Further setting items:** TUNER / DISC / USB / IPOD / BT AUDIO / PANDORA* / AUX

Setting contents:
–14 dB ~ +14 dB

* *Only for CDE-154EBT.*

Adjusting the High Pass Filter

The High Pass Filter on this unit can be adjusted to suit your personal taste.

▌**Setting item:** HPF

Setting contents:
OFF (Initial setting) / 60 (Hz) / 80 (Hz) / 120 (Hz) / 160 (Hz)
All frequencies above the selected cutoff are output.

Turning Subwoofer ON/OFF

When the subwoofer is on, you can adjust the subwoofer output level (refer to "Adjusting Subwoofer Level/Bass Level/Treble Level/Balance (Between Left and Right)/Fader (Between Front and Rear)/Defeat" on page 14).

▌**Setting item:** SUBWOOFER

Setting contents:
ON (Initial setting) / OFF

ON:
The subwoofer signal is output from the Subwoofer RCA Connectors (refer to "Connections" on page 43).

OFF:
No subwoofer signal is output from the Subwoofer RCA Connectors (refer to "Connections" on page 43).

Adjusting the Low Pass Filter

The Low Pass Filter on this unit can be adjusted to suit your personal taste.

▌**Setting item:** SUBW LPF

Setting contents:
OFF (Initial setting) / 60 (Hz) / 80 (Hz) / 120 (Hz) / 160 (Hz)
All frequencies lower than the selected cutoff are output.

Setting the Subwoofer Phase

The subwoofer output phase is toggled between SUBWOOFER NORMAL (0°) or SUBWOOFER REVERSE (180°). Depending on the installation location of your subwoofer, one of these settings may sound better than the other.

▌**Setting item:** SUBW PHASE

Setting contents:
NORMAL (Initial setting) / REVERSE

Setting the Subwoofer System

When the subwoofer is on, you can select either SYSTEM 1 or SYSTEM 2 for the desired subwoofer effect.

▌**Setting item:** SUBW SYS

Setting contents:
SYSTEM 1 / SYSTEM 2 (Initial setting)

SYSTEM 1:
Subwoofer level changes according to the main volume setting.

SYSTEM 2:
Subwoofer level change is different from the main volume setting. For example, even at low volume settings, the subwoofer is still audible.

External Device

Connecting to an External Amplifier (POWER IC)

When an external amplifier is connected, sound quality can be improved by stopping the power supply of the built-in amplifier.

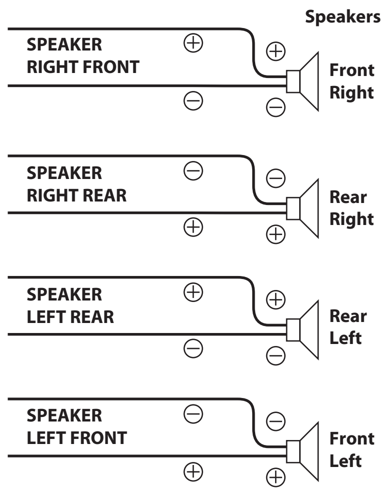
▌**Setting item:** POWER IC

Setting contents:
ON (Initial setting) / OFF

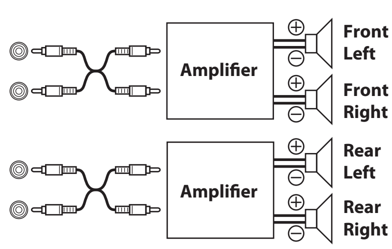
ON:
The speakers are driven by the built-in amplifier.

OFF:
Use this mode when the line output of this unit is used to drive an external amplifier. In this setting, the head unit's internal amplifier is turned OFF and cannot drive speakers.

ON:



OFF:



Note

- *No sound is produced by the system when the power output is set to OFF.*

Setting the Media Xpander mode

MX (Media Xpander) makes vocals or instruments sound distinct regardless of the music source. The CD and iPod, etc. will be able to reproduce the music clearly even in cars with a lot of road noise.

▌**Setting item:** MX SETTING

1 **Turn the Rotary encoder to select the source to which you want to apply Media Xpander, and then press 🔍/ENTER.**

FM ↔ CD ↔ CMPM*1 ↔ USB ↔ IPOD ↔ BT AUDIO ↔ PANDORA*2 ↔ AUX ↔ FM

**1 Be applied for MP3/WMA/AAC files in disc.*
**2 Only for CDE-154EBT.*

2 **Turn the Rotary encoder to select the Media Xpander level, and then press 🔍/ENTER.**

OFF ↔ LEVEL 1 ↔ LEVEL 2 ↔ LEVEL 3

Note

- *There is no MX mode for AM radio.*

BASS ENGINE SQ Function

With the BASS ENGINE SQ function on this unit, several parameters affecting Bass performance are adjusted simultaneously. The Bass Level adjustment varies these parameters uniformly for optimum Bass effect at different levels.

Switching BASS ENGINE SQ mode

Press and hold BASS for at least 2 seconds to switch the sound mode.

BASS ENGINE SQ ↔ MANUAL SET (Initial setting)

BASS ENGINE SQ:
Adjust the relevant Bass parameters uniformly and automatically.

MANUAL SET:
Adjust each audio effect setting separately and manually.

Notes

- *This operation can also be performed by selecting BASS ENGIN in Audio Setup mode. Refer to "Setting BASS ENGINE SQ ON/OFF" on page 15.*
- *You can access the Sound menu mode directly by pressing* **BASS** *when BASS ENGIN is set to OFF.*
- *You can set this item via the TuneIt App on a Smartphone. Refer to "Adjusting the sound via the Smartphone" on page 19.*

Adjusting BASS ENGINE SQ Level

With BASS ENGINE SQ ON, adjusting the Bass Level uniformly effects various sound parameters for optimum Bass effect.

1 **Press BASS to display the BASS ENGINE SQ Level adjustment screen.**

The unit's back lighting changes to white amber during this period.

2 **Turn the Rotary encoder to select the desired level (0 - +6).**

The initial level is +3.

Notes

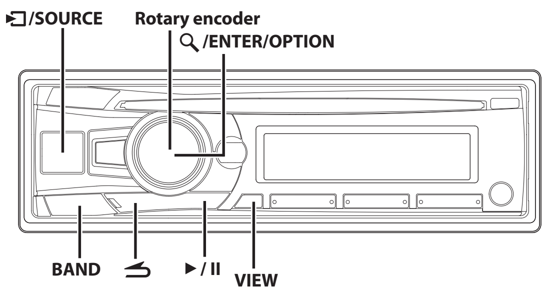
- *Adjustable only when DEFEAT is OFF.*
- *The sound parameters affected contain EQ PRESETS, 9BAND EQ, HPF, SUBWOOFER (when set this item via TuneIt App), SUBW LPF, SUBW SYS and MX SETTING. These items are set automatically in Bass Sound mode and cannot be adjusted separately.*
- *From Level 0 to Level 6, the effect of BASS ENGINE SQ Enhance increases level by level.*
- *If no operation is performed for 5 seconds, the unit automatically returns to normal mode.*

About Setup when the external power amplifier is connected.

In order to optimize the BASS ENGINE SQ, we recommend the following power amplifier setup.
After setting up, you can adjust the BASS ENGINE SQ Level according to the music.

1. **Set gain of the power amplifier to "MIN".**
2. **Set the Crossover Mode Sector switch to "OFF".**
3. **Set the BASS ENGINE SQ of this unit to "ON", and the BASS ENGINE SQ Level to "+3".**
4. **Play a song of the genre you frequently listen to, and adjust gain of the power amplifier.**

Other Functions



Displaying the Text

Text information, such as the disc name and the track name, will be displayed if playing a CD text compatible disc. It is also possible to display the folder name, the file name and the tag, etc., while playing MP3/WMA/AAC files.

Press **VIEW**.

The display will change every time the button is pressed.

Note

- *When the TEXTSCROLL is set to MANUAL, press and hold* **VIEW** *for at least 2 seconds, the current text will be scrolled one time (except Radio mode).*

The display in Radio mode:

BAND/FREQUENCY → BAND/CLOCK → SPECTRUM ANALYZER[*1] → BAND/FREQUENCY

The display in CD mode:

TRACK NO./ELAPSED TIME → DISC TEXT[*2]/TRACK TEXT[*2] → TRACK NO./CLOCK → SPECTRUM ANALYZER[*1] → TRACK NO./ELAPSED TIME

The display in MP3/WMA/AAC mode:

(FOLDER NO./FILE NO./)ELAPSED TIME → FOLDER NAME/FILE NAME→ ARTIST NAME[*3]/SONG NAME[*3] → ALBUM NAME[*3]/SONG NAME[*3] → FOLDER NO./FILE NO./CLOCK → SPECTRUM ANALYZER[*1] → (FOLDER NO./FILE NO./)ELAPSED TIME

The display in BLUETOOTH Audio mode:

BT AUDIO/ELAPSED TIME[*4] → ARTIST NAME[*3]/SONG NAME[*3] → ALBUM NAME[*3]/SONG NAME[*3] → BT AUDIO/CLOCK → SPECTRUM ANALYZER[*1] → BT AUDIO/ELAPSED TIME

*1 *Displays various patterns according to setting. For details, refer to "Setting the Spectrum analyzer" on page 22.*

*2 *Displayed during playback of a disc with CD text. If there is no Text (Disc Name or Track Name), "DISC TEXT"/ "TRACK TEXT" is displayed.*

*3 *ID3 tag/WMA tag*
If an MP3/WMA/AAC file contains ID3 tag/WMA tag information, the ID3 tag/WMA tag information is displayed (e.g., song name, artist name, and album name). All other tag data is ignored.
If there is no tag information, "ARTIST"/"ALBUM"/"SONG" is displayed.

*4 *Depending on the connected Smartphone, the elapsed time may not be displayed.*

About "Text"

Text compatible CDs contain text information such as the disc name and track name. Such text information is referred to as "text".

Notes

- *Some characters may not be displayed correctly with this device, depending on the character type.*
- *"NO SUPPORT" is displayed when the desired text information cannot be displayed on this unit.*
- *The text or tag information may not be correctly displayed, depending on the contents.*

Using the Front AUX Input Terminal

Connect a portable music player, etc. by simply connecting it to the input on the front panel. An optional adapter cable is required (standard RCA to 3.5ø mini-phono plug or 3.5ø to 3.5ø mini-phono plug).

Press /SOURCE, and select the AUXILIARY mode to listen to the portable device.

Note

- *This function is available only when AUX SETUP is set to ON. For details, refer to "Setting the AUX SETUP mode" on page 21.*

Option Menu Setting

You can quickly adjust the setting items relevant to the current SOURCE by using Option Menu.

1 **Press and hold /ENTER/OPTION for at least 2 seconds to activate the Option menu of the current source.**

Note

- *The option menu varies depending on the source.*

2 **Turn the Rotary encoder to select the desired setting item, and then press /ENTER.**

3 **Turn the Rotary encoder to change the setting, and then press /ENTER.**

After the setting, the display will return to the current source automatically.

▌Setting item:

TUNER mode:

TUNER SET[*1] ↔ SOURCE VOL[*2] ↔ MX SETTING[*3] ↔ TUNER SET

DISC mode:

CD SET[*4] ↔ SOURCE VOL[*2] ↔ MX SETTING[*3] ↔ CD SET

USB mode:

SOURCE VOL[*2] ↔ MX SETTING[*3] ↔ SOURCE VOL

iPod mode:

APP DIRECT[*5] ↔ IPOD SET[*6] ↔ SOURCE VOL[*2] ↔ MX SETTING[*3] ↔ APP DIRECT

AUX mode:

AUX SET[*7] ↔ SOURCE VOL[*2] ↔ MX SETTING[*3] ↔ AUX SET

Pandora mode:

SOURCE VOL[*2] ↔ MX SETTING[*3] ↔ SOURCE VOL

BT AUDIO mode:

BT SET[*8] ↔ SOURCE VOL[*2] ↔ MX SETTING[*3] ↔ BT SET

Phone mode (Non-calling mode):

PHONE SET[*9] ↔ SOURCE VOL[*10] ↔ PHONE SET

Phone mode (Calling mode):

MIC GAIN[*11] ↔ CALL SOUND[*11] ↔ SPK SWITCH[*12] ↔ VOICE MUTE[*13] ↔ CALL WAIT[*14] ↔ END CALL[*15] ↔ SOURCE VOL[*10] ↔ MIC GAIN

**1 The setting items are the same as TUNER setting in SETUP mode. For details, refer to "SETUP" on page 20.*
**2 You can individually emphasise or weaken the volume level of the current source to create your own tonal preference. The setting values in Option mode and in SETUP mode are linked. Refer to "Setting the Source Volume Level" on page 16.*
**3 Refer to "Setting the Media Xpander mode" on page 17.*
**4 PLAY MODE can be selected in this mode. For details, refer to "Playing MP3/WMA/AAC Data (PLAY MODE)" on page 21.*
**5 Refer to "Setting the iPod Control" on page 31.*
**6 These settings are the same as those accessed through the SETUP mode. For details, refer to "iPod/iPhone Search Mode Setting" on page 22.*
**7 AUX NAME can be selected in this mode. For details, refer to "Setting the AUX NAME mode" on page 21.*
**8 FW VERSION can be selected in this mode. You can see the current firmware version about BLUETOOTH by using this setting.*
**9 CALL SOUND, CALLER ID, PB UPDATE, PB ORDER, AUTO ANS, SPEAKER SL and FW VERSION can be selected in this mode. For details about these settings, refer to "BLUETOOTH SETUP" on page 24.*
**10 The Hands free phone talk level, ring tone level and microphone gain level can be adjusted by using this setting. The setting values in Option mode and in SETUP mode are linked. Refer to "Adjusting the volume (SOURCE VOL)" on page 25.*
**11 Refer to "Setting the BLUETOOTH sound quality" on page 25.*
12 While calling, the call sound can be switched between the unit and Smartphone by using this setting. This operation can also be done by pressing* **BAND. *Refer to "Call Switching Operation" on page 29.*
13 While calling, and the Voice Mute is activated, the microphone input will mute instantly and "VOICE MUTE" will blink. This operation can also be done by pressing* **►/II. *Refer to "Muting the microphone input quickly (Voice Mute)" on page 29.*
14 If there is a waiting call, select this item to display the caller's Name and waiting number (1 or 2). Press* **VIEW *and the display will switch.*
**15 Select this item to hang up the call.*

Notes

- *Press ⮌ to return to the previous mode.*
- *If no operation is performed for 60 seconds, the unit will return to normal mode automatically.*

Applying TuneIt

This unit's sound tuning is programmable from a connected Smartphone. It is also possible to download specific parameters for certain vehicles from Alpine's TuneIt database stored in the Cloud. Using the TuneIt App, customized parameters can also be uploaded for others to share and rate.
Through this unit, it is also possible to receive and respond to information from Alpine's Social Network Service (SNS) available through the connected Smartphone.
The installed TuneIt App should be launched on the Smartphone before connection to the head unit.
TuneIt, is downloadable from Apple's App Store; the Android user can download it from Google Play. For details, consult your Alpine dealer.
Before these operations, set ALPINE APP to USB or BT depending on the connected Smartphone. For details, refer to "Setting the communication mode with a Smartphone (ALPINE APP)" on page 23.

Notes

- *The application programme and related specifications and data may be deleted or terminated without notice.*
- *Some TuneIt functions may not be available if the Smartphone is not in a service area or receives no signal.*

Adjusting the sound via the Smartphone

After setting the above procedure, the indicator lights up, and then you can adjust the unit's sound function on the Smartphone.

1 Make sure the unit is powered on.

2 Launch the TuneIt App on the Smartphone. Adjust the unit's sound accordingly on the Smartphone.

During sound setting, the indicator may blink.

Notes

- *Volume level cannot be adjusted via the Smartphone.*
- *The setting cannot be done on both the Smartphone and this unit at the same time. While the sound function of this unit is set via the Smartphone, sound function settings on CDE-154EBT/ CDE-154EBTTH will be displayed as "APPCONNECT".*
- *In some situations, such as the unit is powered off, during a call etc., sound setting cannot be done via the Smartphone.*
- *This function may not be available depending on the paired Smartphone.*
- *Please obey all local traffic laws while using this function.*

Facebook Notification Function

Some functions may be available in a future version of TuneIt.

Note

- *Depending on the paired Smartphone, the following functions may not be available even though the TuneIt version is updated.*

Receiving Notification

When the Smartphone connected to this unit receives notification from Facebook, the unit's back lighting and the indicator blinks (depending on the TuneIt settings on the phone). At the same time, the user's name is shown in the display (20 characters maximum). Play back the notification via TTS (Text To Speech) by the following procedure.

1 While receiving Notification from Facebook, press /SOURCE button.

Notification Menu screen is displayed.

2 Turn the Rotary encoder to select the desired mode, and then press /ENTER.

LIKE*1 ↔ REPLAY ↔ NEXT ↔ PREVIOUS ↔ TTS VOLUME*2

**1 Not displayed when the received Notification is Message type.*
**2 It can also be set in SETUP section. For details, refer to "Setting the TTS (Text To Speech) volume" on page 23.*

LIKE:	The Smartphone feedbacks to Facebook with "Like", and meanwhile, the received Wall Posts or Comments are played back by TTS (Text To Speech).
REPLAY:	To play back Notification by TTS (Text To Speech) again.
NEXT:	To select the next Notification.
PREVIOUS:	To select the previous Notification.
TTS VOLUME:	To adjust the playback volume of TTS (Text To Speech).

Notes

- *Press to return to the previous mode.*
- *A new received Notification prompt will last for 30 seconds. If there is no operation within 30 seconds, the unit will return to normal mode.*
- *In some situations, such as the unit is powered off or during a call etc., Notification of the Smartphone will not be prompted by this unit.*

Displaying Notification List

You can view the received Notification from Facebook in the connected Smartphone via this unit.

1 Press and hold /SOURCE for at least 2 seconds.

The received Notification will be displayed according to when it was posted.

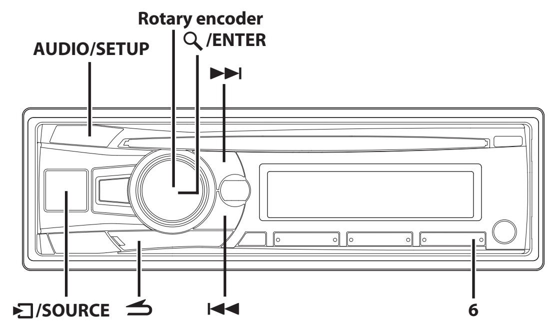
2 Turn the Rotary encoder to select the desired Notification, and then press /ENTER.

3 Then go to step 2 of "Receiving Notification".

Notes

- *When there is no Notification, "NO NOTIF" will be displayed.*
- *The displayable amount of the Notification list depends on the connected Smartphone.*
- *If no operation is performed for 60 seconds, the unit will return to normal mode automatically.*

SETUP



Setting

You can flexibly customize the unit to suit your own preferences and usage. From the SETUP menu, GENERAL Setting, DISPLAY Setting, etc., can be modified.

Use steps 1 to 5 to select one of the SETUP modes to modify. See the applicable section below for details about the selected SETUP item.

1 Press and hold AUDIO/SETUP for at least 2 seconds to activate the SETUP mode.

2 Turn the Rotary encoder to select the desired item, and then press /ENTER.

AUDIO*1 ↔ GENERAL ↔ DISPLAY ↔ TUNER ↔ IPOD ↔ APP ↔ BLUETOOTH*2 ↔ AUDIO

(e.g. Select GENERAL)

GENERAL:

CLOCK MODE↔ CLOCK ADJ*3 ↔ AUX SETUP ↔ AUX NAME*4 ↔ PLAY MODE ↔ STAY ON ↔ DEMO MODE ↔ CLOCK MODE

DISPLAY:

ILLUMINATI ↔ ANALYZER ↔ DIMMER ↔ TEXTSCROLL ↔ SCROLLTYPE ↔ ILLUMINATI

TUNER:

FM SET

IPOD:

IPOD LIST

APP:

ALPINE APP ↔ TTS VOLUME ↔ ALPINE APP

**1 Refer to "Sound Setting" on page 15.*
**2 Refer to "BLUETOOTH SETUP" on page 24.*
**3 Refer to "Setting Time" on page 10.*
**4 Displayed only when AUX SETUP is set to ON.*

3 Select an Item with the Rotary encoder, and then press /ENTER.

(e.g. Select AUX SETUP)

4 Turn the Rotary encoder to change the setting, and then press /ENTER.

(e.g. Select ON or OFF)

5 Press and hold AUDIO/SETUP for at least 2 seconds to return to normal mode.

Notes

- *Press ⏎ to return to the previous mode.*
- *If no operation is performed for 60 seconds, the unit will return to normal mode automatically.*

General Setting

GENERAL is selected on the setup main menu in step 2.

Setting the Clock Display (CLOCK MODE)

You can select the clock display type, 12-hour or 24-hour, depending on your preference.

Setting item: CLOCK MODE

Setting contents:
24H / 12H (Initial setting)

Setting the AUX SETUP mode

You can input the audio of an external device, (such as a Portable audio player) to the AUX connector of this unit.

Setting item: AUX SETUP

Setting contents:
OFF / ON (Initial setting)

OFF:
When set to OFF, AUX source cannot be selected.

ON:
Set to ON when a portable device is connected. If **/SOURCE** is pressed and AUX is selected, the sound of the portable device is input to the unit.

Setting the AUX NAME mode

You can change the AUX NAME display in the SETUP mode.

Setting item: AUX NAME

Setting contents:
AUXILIARY (Initial setting) / TV / DVD / PORTABLE / GAME

Playing MP3/WMA/AAC Data (PLAY MODE)

This unit can play back CDs containing both CD and MP3/WMA/AAC data (created in Enhanced CD (CD Extra) format). However, in some situations, playback of an enhanced CD may be difficult. In this case, you can choose to play back the CD data session only. When a disc contains both CD and MP3/WMA/AAC data, playback starts from the CD data portion of the disc.

Setting item: PLAY MODE

Setting contents:
CD-DA / CDDA/MP3 (Initial setting)

CD-DA:
Only the CD data in Session 1 can be played back.

CDDA/MP3:
CD data, MP3/WMA/AAC files in mixed mode, and multi-session discs can be played back.

Note

- *Perform this setting before inserting a disc. If a disc has already been inserted, remove it first.*

Setting the stay on mode

You can set the delay in turning OFF the unit's power after the vehicle's ignition is turned off (ACC OFF). When you select a mode other than OFF, the music will be paused after you turn the ignition key off (ACC OFF). At the same time, the prompt "PRESS PRESET 6 TO STAY ON" will scroll once. Press **6** within 15 seconds to continue enjoying music for the selected period. If **6** is not pressed, the unit will power off within 15 seconds. During this period, you can only receive a call by operating a paired Smartphone.

Setting item: STAY ON

Setting contents:
OFF (Initial setting) / 5 MIN / 15 MIN / 30 MIN

Note

- *Note that there is a possibility that the battery may be drained if already weak, during this period.*

Demonstration

This unit has a demonstration feature for the display.

Setting item: DEMO MODE

Setting contents:
ON (Initial setting) / OFF / QUITE OFF

ON:
The unit starts the demonstration if there is no operation for 30 seconds.

OFF:
Quit the demonstration mode. Note that if this unit is disconnected from the vehicle's battery, the next time you use this unit the DEMO MODE will be ON.

QUITE OFF:
Quit the demonstration mode completely.

Display Setting

DISPLAY is selected on the setup main menu in step 2.

Changing Lighting Colour

You can change the lighting colour of the unit's buttons/display.

Setting item: ILLUMINATI

Setting contents:
OPTION / CUSTOMIZE

OPTION:
A total of 30 colours can be selected.

CUSTOMIZE:
If there is no colour you prefer in OPTION, you can customize the colour as follows.

1. **After entering CUSTOMIZE, turn the Rotary encoder to select a colour (RED, GREEN, BLUE) you want to adjust, and then press /ENTER.**
2. **The adjusted colour will blink, turn the Rotary encoder to select a value (0-60).**
   R is red, G is green and B is blue.
3. **Press /ENTER or ⏎ to finish the colour setting.**
4. **Repeat steps 1 to 3 to set another colour.**

Notes

- *In step 2, you can switch to another colour setting mode by pressing ⏮ or ⏭.*

- *The setting values in OPTION mode and CUSTOMIZE mode are linked, when the setting value in CUSTOMIZE is different from the one in OPTION, "USER" will be displayed in OPTION mode.*
- *During CUSTOMIZE setting, at least one setting value should be greater than 20.*

Setting the Spectrum analyzer

Adjust the display style on the left of the screen according to personal preference. When a song is played, etc., the spectrum will be displayed on the left side of the screen.

Setting item: ANALYZER

Setting contents:
TYPE A (Initial setting) / TYPE B/ TYPE C

TYPE A:
Longitudinal Wave

TYPE B:
Block

TYPE C:
Radial

Dimmer Control

Set the Dimmer control to AUTO to decrease the illumination brightness of the unit with the head lights of the vehicle ON. This mode is useful if you feel the unit's backlighting is too bright at night.

Setting item: DIMMER

Setting contents:
MANUAL / AUTO (Initial setting)

Scroll Setting (TEXTSCROLL)

This CD player can scroll the disc and track names recorded on CD-TEXT discs, as well as the text information of MP3/WMA/AAC files, folder names and tags.

Setting item: TEXTSCROLL

Setting contents:
MANUAL (Initial setting) / AUTO

MANUAL:
The display is scrolled when a disc is loaded or when a track is changed, etc.

AUTO:
The current text information of CD, folder, tag, etc. is scrolled automatically.

Note
- *The unit scrolls CD text names, folder names, file names or tag display.*

Scroll Type Setting

Choose from two scrolling methods. Select the type you prefer.

Setting item: SCROLLTYPE

Setting contents:
TYPE1 / TYPE2 (Initial setting)

TYPE1:
The characters scroll from right to left, a single character at a time.

TYPE2:
Words are built up from left to right, a single character at a time. When the display is filled, it is cleared and the remaining words are displayed the same way until all words of the title have been shown.

Tuner Setting

TUNER is selected on the setup main menu in step 2.

Setting the TUNER (FM) tone quality (FM SET)

This unit can set your preferred tonal quality for the FM analog radio stations.

Setting item: FM SET

Setting contents:
HI-FI / NORMAL (Initial setting) / STABLE

HI-FI:
High-quality setting

NORMAL:
Standard setting

STABLE:
Control noise

Note
- *Noise may be more noticeable when HI-FI is set, depending on the reception status. In this case, the Normal setting is recommended.*

iPod Setting

"IPOD" is selected on the setup main menu in step 2.

iPod/iPhone Search Mode Setting

The unit allows you to search the iPod/iPhone using nine different search modes.

Setting item: IPOD LIST

Further setting items: PLAYLISTS / ARTISTS /ALBUMS / AUDIOBOOKS / PODCASTS / GENRES / COMPOSERS / SONGS / GENIUS MIX

Setting contents:
OFF / ON

Notes
- *The search mode for Playlists/Artists/Albums/Podcasts/Genres/ Songs/ Genius Mix is initially set to On. The search mode for Audiobooks/ Composers is initially set to Off.*
- *For search mode details, refer to "Searching for a desired Song" on page 31.*

Application Setting (APP)

APP is selected on the setup main menu in step 2.

Setting the communication mode with a Smartphone (ALPINE APP)

Set ALPINE APP to USB when an iPhone is connected, or set to BT when an Android Smartphone is paired.

▌**Setting item:** ALPINE APP

Setting contents:

USB (Initial setting) / BT / OFF

USB:

When an iPhone is connected to CDE-154EBT/CDE-154EBTTH USB port, you can enjoy Pandora, programme the unit's sound tuning parameters, or communicate with SNS.

BT:

Set this when an Android Smartphone is paired with this unit via BLUETOOTH technology. At this time, you can enjoy Pandora, programme the unit's sound tuning parameters, or communicate with SNS.

OFF:

No Smartphone is connected.

Notes

- *It takes a few seconds to validate this function.*
- *For this function to work properly, specific applications must be installed on your Smartphone before connection. Consult your Alpine dealer or the Alpine website for details.*
- *Only the iPhone and certain Android Smartphones support this function.*

Setting the TTS (Text To Speech) volume

This function allows for readout of comments, etc., on a Smartphone, and outputs sound from the speakers of the unit.

▌**Setting item:** TTS VOLUME

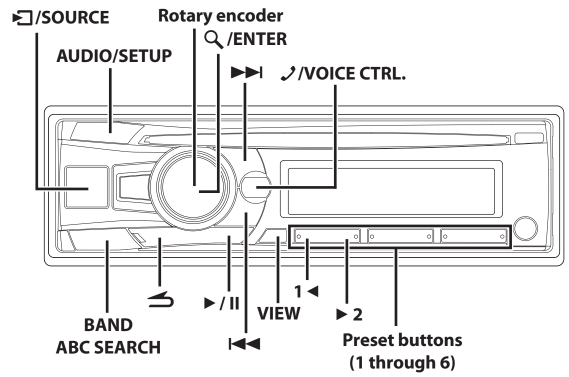
Setting contents:

0 ~ 35

Note

- *The initial volume level is 12.*

BT Hands Free Calling



Setup Before Using

About BLUETOOTH

BLUETOOTH is a wireless technology allowing communication between a mobile device or personal computer over short distances. This enables a hands-free call or data transmission between BLUETOOTH compatible devices. BLUETOOTH transmission is available in the unlicensed 2.4 GHz spectrum if the distance between devices is within 10 metres. For details, refer to the BLUETOOTH Home page (http://www.bluetooth.com).

Notes

- *Depending on the BLUETOOTH version, a BLUETOOTH compatible device may not be able to communicate with this unit.*
- *Proper function of this unit with all BLUETOOTH compatible devices is not guaranteed. For handling of the BT compatible device, consult your ALPINE dealer or ALPINE website.*
- *Depending on the surroundings, BLUETOOTH wireless connection may be unstable.*
- *When you place a call, or perform setup operations, be sure to stop your car in a safe place.*
- *Depending on the connected BLUETOOTH compatible device(s), the function may differ. Also refer to the Owner's Manual of the connected device(s).*
- *When you search for this unit using the BLUETOOTH compatible phone, the unit name is displayed as "CDE-154Series".*

Before Using BLUETOOTH Function

Before using the BLUETOOTH function, the following settings need to be made.

Set BT IN to ON when you want to use Hands-Free phone or BT Audio function. Refer to "Setting the BLUETOOTH Connection (BT IN)" on page 24.

Note

- *Before using BLUETOOTH function, it must be paired with this unit. Refer to "How to connect to a BLUETOOTH compatible device (Pairing)" on page 24.*

How to connect to a BLUETOOTH compatible device (Pairing)

For details on the control from a BLUETOOTH compatible device, refer to the Owner's Manual of the BLUETOOTH compatible device.

1 **Using your BLUETOOTH compatible device, select the "CDE-154Series" for pairing.**

For BLUETOOTH compatible device with SSP (Secure Simple Pairing)

2-1 **Turn the Rotary encoder to change the head unit display from "PAIR NO" to "PAIR YES", and then press 🔍/ENTER.**

If "PAIR NO" is selected, the connection will be cancelled.

For BLUETOOTH compatible device without SSP (Secure Simple Pairing)

2-2 **Input the PIN code ("0000") in a BLUETOOTH compatible device.**

Note

- *The PIN code is fixed as "0000".*

3 **If the pairing was successful, "CONNECTED" is displayed for a few seconds. The head unit then returns to its previous state.**

Auto pairing with an iPod/iPhone

When an iPod/iPhone is connected to the USB port, the unit will automatically pair with it.

1 **Make sure USB PAIR is set to ON. Refer to "Setting the Auto Pairing with iPod/iPhone" on page 25.**

2 **Connect an iPod/iPhone to this unit's USB port.**

3 **Turn the Rotary encoder to select "PAIR YES", and then press 🔍/ENTER.***

If "PAIR NO" is selected, the connection will be cancelled.

* *Depending on the iOS version, you may need to turn on the Bluetooth function manually on the iPod/iPhone side, then perform this step.*

4 **If pairing is successful, "CONNECTED" is displayed for a few seconds. The head unit then returns to its previous state.**

Notes

- *Depending on the iPod/iPhone, if it has been paired with this unit previously, it may not USB pair automatically.*
- *If the connection is unsuccessful, "FAILED" is displayed.*
- *After a successful pairing, the two devices should connect automatically whenever the vehicle's ignition is turned ON. If the auto reconnect fails, try to connection manually.*
- *Set "VISIBLE M" to ON to enable this unit to be recognised by a BLUETOOTH compatible device, refer to "Setting the Visible Mode" on page 25.*

BLUETOOTH SETUP

The following steps 1 to 5 are common to the various BLUETOOTH functions. For details, refer to each individual function.

Note

- *Set BT IN to ON, and then perform BLUETOOTH SETUP operation. Refer to "Setting the BLUETOOTH Connection (BT IN)" on page 24.*

1 **Press and hold AUDIO/SETUP for at least 2 seconds to activate the SETUP mode.**

2 **Turn the Rotary encoder to select "BLUETOOTH", and then press 🔍/ENTER.**

The BLUETOOTH setup mode is activated.

3 **Turn the Rotary encoder to select the desired items, and then press 🔍/ENTER.**

BLUETOOTH:

BT IN* ↔ USB PAIR ↔ PAIRED DEV ↔ VISIBLE M ↔ CALL SOUND ↔ CALLER ID ↔ PB UPDATE* ↔ PB ORDER ↔ AUTO ANS ↔ SPEAKER SL ↔ FW VERSION ↔ FW UPDATE* ↔ BT IN

* *The items are not displayed during a phone call.*

4 **Turn the Rotary encoder to change the settings.**

5 **Press and hold AUDIO/SETUP for at least 2 seconds.**

The SETUP mode is cancelled.

Notes

- *Press ⏏ to return to the previous mode.*
- *If no operation is performed for 60 seconds, the unit will return to normal mode automatically.*

Setting the BLUETOOTH Connection (BT IN)

With BLUETOOTH technology, you can place a hands-free call by a BLUETOOTH-equipped Smartphone.
Audio information of a BLUETOOTH compatible Smartphone, a portable audio player, etc., is controllable/playable wirelessly from this unit.

▌**Setting item:** BT IN

Setting contents:

OFF / ON (Initial setting)

OFF:

Hands-Free Phone function and BLUETOOTH Audio function are not used.

ON:

Select when you want to pair your BLUETOOTH compatible phone with this unit or use BLUETOOTH Audio function.

Note

- *When BT IN is set to OFF, the indicators related to Hands-free phone (🔋 battery charge and 📶 signal strength) will not be displayed.*

Setting the Auto Pairing with iPod/iPhone

By setting this item to ON, the unit will auto pair when an iPod/iPhone is connected to this unit via the USB port.

Setting item: USB PAIR

Setting contents:
OFF / ON (Initial setting)

OFF:
Turn off the auto pair function.

ON:
Auto pair when an iPod/iPhone is connected to this unit via the USB port.

Note
- *USB Auto-Pairing cannot take place if either device has been paired previously. Make sure the device name of both has been deleted from each device.*

Setting the BLUETOOTH Device

Select one of 5 connected BLUETOOTH compatible devices that you previously registered.

Setting item: PAIRED DEV

1. **Turn the Rotary encoder to select a BLUETOOTH compatible device you want to use (you want to change connection), and then press /ENTER.**
2. **Turn the Rotary encoder to select "CONNECT" to connect the selected device.**
   The connected device is marked with " ". Select "DISCONNECT" to disconnect this device. Select "CLEAR" when you want to clear the device from the device list.

Notes
- *If the connection is successfully changed, "CONNECTED" is displayed for 2 seconds and the indicator lights up, then the display returns to the SETUP screen.*
- *If a Smartphone is connected to this unit successfully, the indicator lights up to show the battery charge of the connected Smartphone. The indicator lights up when the battery charge is about 50%, the indicator lights up when the battery charge is not enough, and it blinks as a low level warning. The indicator goes out when the battery is drained. At this time, the BLUETOOTH function is unavailable due to the Smartphone powered off.*
- *Indicator (Signal Strength):*
  The indicator will display the current signal strength of your service provider. The indicator blinks when the signal of the connected Smartphone is very weak. The indicator goes out when the Smartphone is not in service area or receives no signal.
- *Depending on the connected Smartphone, the (battery charge), and (signal strength) indicators may not be displayed.*
- *A total of 5 devices can be registered. If a 6th device is registered, the earliest registered device will be deleted automatically.*

Setting the Visible Mode

You can set whether this unit can be recognised or not from a BLUETOOTH compatible device. Normally set this to VISIBLE M ON.

Setting item: VISIBLE M

Setting contents:
ON (Initial setting) / OFF

ON:
Enable recognition of this unit from the BLUETOOTH compatible device.

OFF:
Disable recognition of this unit from the BLUETOOTH compatible device.

Setting the BLUETOOTH sound quality

Change these settings to improve the quality of the outgoing or incoming call.

Setting item: CALL SOUND

Further setting items: SOURCE VOL / TYPE SET

Adjusting the volume (SOURCE VOL)

You can emphasise or weaken the volume level of the Phone call, the ring tone and the microphone input to fit your own preferences.

Setting contents:

PHONE TALK:
–5 dB ~ +5 dB

RING TONE:
–5 dB ~ +5 dB

MIC GAIN:
–5 dB ~ +5 dB

Sound Auto setting (TYPE SET)

Depending on your calling environment, choose one of the settings below which gives the best sound quality.

Setting contents:
TYPE1 (Initial setting) / TYPE2 / TYPE3 / TYPE4 / TYPE5

TYPE1:
Standard Mode (recommended)

TYPE2:
Enhances the noise reduction

TYPE3:
Enhances the echo-cancel

TYPE4:
Enhances both noise reduction and echo-cancel

TYPE5:
Weakens both noise reduction and echo-cancel

Note
- *The functions below are designed to improve the sound quality of the outgoing call.*
  Noise reduction: This function can reduce the road noise, but excessive enhancement may affect the sound quality of the call.
  Echo-cancel: This function can reduce the echo, but excessive enhancement may affect the sound quality of the call.

Setting the caller information display ON/OFF

You can choose whether to use this function according to the following setting.

Setting item: CALLER ID

Setting contents:
ON (Initial setting) / OFF

If you want to keep the ID information of the caller from others, set this item to OFF. Depending on the stored ID information, while you are dialling a number, only the telephone number will be displayed; During a call, "NO NAME" will be displayed; Or while a call is dialling in, only the telephone number will be displayed.

Setting the Phone Book Update

You can update the phone book automatically or manually.

▐ **Setting item:** PB UPDATE

▐ **Further Setting contents:** AUTO/MANUAL

Setting the Phone Book Auto Update ON/OFF (AUTO)

When you select AUTO ON in this step, whenever the vehicle's ignition is turned ON or after the phone is connected with this unit, the phone book will be updated automatically.

Setting contents:
AUTO OFF / AUTO ON (Initial setting)

Note
- *"UPDATING" will be displayed during the phone book update.*

Setting the Phone Book Manual Update ON/OFF (MANUAL)

When you select MANUAL YES in this step, the phone book will be updated immediately regardless if the Auto update function is on or off.

Setting contents:
MANUAL NO (Initial setting) / MANUAL YES

Note
- *"UPDATING" will be displayed during the phone book update.*

Changing the Phone book List Order

The phone book is listed alphabetically by the first letter of FIRST or LAST NAME.
Listing by FIRST NAME is the default but LAST NAME can be selected.

▐ **Setting item:** PB ORDER

Setting contents:
FIRST NAME (Initial setting) / LAST NAME

Note
- *"WAITING" will be displayed while the Phone book order is switching. You can quit the "WAITING" screen to perform other operations by pressing ⮌ when the ordering is still in progress. At this time, the phone book is not accessible. In addition, the ordering may affect the playback of BT AUDIO.*

Setting the Received Calls automatically (Auto Answer)

When a call is received, you can set whether to receive it automatically or not.

▐ **Setting item:** AUTO ANS

Setting contents:
ON / OFF (Initial setting)

ON:
When a call is received, it is answered automatically after about 5 seconds.

OFF:
When a call is received, it is not answered automatically. Press ✆ to receive the call.

Note
- *If the received call setting on the Smartphone is on, the call will be answered automatically even though this setting is set to OFF.*

Selecting the output speaker

Choose the speaker in your vehicle from which you want to hear the call.

▐ **Setting item:** SPEAKER SL

Setting contents:
ALL (Initial setting) / FRONT-L / FRONT-R / FRONT-LR

ALL:
The sound be output from all of speakers in car.

FRONT-L:
The sound only be output from the front left speaker.

FRONT-R:
The sound only be output from the front right speaker.

FRONT-LR:
The sound be output from the front left and front right speaker.

Displaying the firmware version

The current firmware version will be displayed.

▐ **Setting item:** FW VERSION

Updating the firmware

Future BLUETOOTH firmware updates may become available for phone interoperability.
For information to update your BLUETOOTH firmware, please visit your local Alpine website or choose your country from Alpine home page (http://www.alpine-asia.com).

▐ **Setting item:** FW UPDATE

Setting contents:
NO (Initial setting) / YES

Hands-Free Phone Control

About the Hands-Free Phone

Hands-free calls are possible when using a HSP (Head Set Profile) and HFP (Hands-Free Profile) compatible Smartphone with this unit.

Notes
- *Avoid performing a hands-free call in heavy traffic or on narrow or winding streets.*
- *Close the windows while calling to reduce background noise.*
- *If both calling parties are using hands-free devices, or the call is made in a noisy location, difficulty hearing the other person's voice is normal.*
- *Depending on telephone line conditions or certain mobile devices used, voices may sound unnatural.*
- *When using a microphone, speak as directly as you can into the microphone to pick up the best sound quality.*
- *Certain Smartphone features are dependent on the capabilities and settings of your service provider's network. Additionally, certain features may not be activated by your service provider, and/or the provider's network settings may limit the feature's functionality.*
  Always contact your service provider about feature availability and functionality.
  All features, functionality, and other product specifications, as well as the information contained in the Owner's Manual are based upon the latest available information and are believed to be accurate at the time of printing.
  Alpine reserves the right to change or modify any information or specifications without notice or obligation.

Answering a Call

Incoming calls are announced by the received call ring tone and a displayed message (PHONE).

Press ♪ or 🔍/ENTER.

The call starts.

Notes

- *When "AUTO ANS" is set to ON, you can receive a call automatically. Refer to "Setting the Received Calls automatically (Auto Answer)" on page 26.*
- *While calling, the source sound on the unit is muted. After calling, playback will resume.*

Hanging up the Telephone

Press ♪ or ⏎.

The call finishes.

Calling

Call History is recorded for the last dialed/received/missed calls (20 records for each). There are various ways of making calls based on the "Calling". The following steps 1 to 5 are common to the various ways of making these calls. For details, refer to each individual category for making calls.

1 **Press ♪.**

The outgoing method list is displayed.

2 **Turn the Rotary encoder to select the outgoing mode.**

Setting contents:

DIALED / RECEIVED / MISSED / PHONE BOOK

DIALED:
Dialed history

RECEIVED:
Received history

MISSED:
Missed incoming history

PHONE BOOK:
Smartphone phone book

3 **Press 🔍/ENTER.**

The outgoing mode is activated, and each mode list is displayed.

Note

- *It may take some time for the list to be displayed after connection. This list may not always update, depending on the connected device.*

4 **Turn the Rotary encoder to select a name or a telephone number from the list.**

Note

- *You can use Phone book alphabet search function to search a name or number from Phone Book. For details, refer to "Phone book Alphabet Search Function" on page 27.*

5 **Press 🔍/ENTER.**

The selected telephone number will be called.
If one name has several numbers registered in the telephone book, press **🔍/ENTER** after selecting the name*, and then turn the **Rotary encoder** to choose the desired number and press **🔍/ENTER**, the telephone will be called.

* *If the name cannot be recognised, "NO NAME" will be displayed.*

Notes

- *Press ⏎ to return to the previous mode.*
- *If no operation is performed for 60 seconds, the unit will return to normal mode automatically.*

Redialling a Number In Outgoing History

Previously dialed telephone numbers (maximum number of call record is 20) are stored in dialed calls history. You can redial a number by searching from dialed calls history.

▌**Setting item:** DIALED

Dialling a Number In Incoming History

Telephone numbers from received calls (maximum number of call record is 20) are stored in the Received List. You can redial these numbers by searching here.

▌**Setting item:** RECEIVED

Dialling a Number In Incoming Missed Call History

Telephone numbers for received calls (maximum number of call record is 20) that are missed, are stored in the Missed List. You can redial these numbers by searching here.

▌**Setting item:** MISSED

Dialling a Number In The Phone Book

Up to 1,000 names (at most 5 telephone numbers for each name) are downloadable from a Smartphone. Dial a call by selecting a person from the phone book list.

▌**Setting item:** PHONE BOOK

Notes

- *The order of the list display depends on the setting of "PB ORDER" (refer to "Changing the Phone book List Order" on page 26).*
- *If the call history or phone book of the Smartphone is added or deleted while it is connected to the unit, the list displayed on the unit may not be brought up to date. If it is not updated, you cannot correctly place a call.*
- *You can display the information of a number stored in phone book by pressing* **VIEW**. *Each press changes the display as Name → Telephone label*/Telephone NO. → Name*
  If the information cannot be obtained, "NO NAME", "NO LABEL" or "NO NUMBER" will be displayed.

* *The telephone label of a number depends on the number information stored in Phone book of the Smartphone, which includes 4 types-MOBILE, HOME, OFFICE and OTHER.*

Phone book Alphabet Search Function

You can select the first three letters to search for a desired name in phone book list by using the Phone book alphabet search function.

For example:

Searching a name "Michael James"
The following example explains how the search is performed. Depending on the setting in PB ORDER (refer to "Changing the Phone book List Order" on page 26), the phone book is listed in first name or last name order. Please search for the first name or last name according to the setting.

1 **Press BAND/ABC SEARCH while in the phone book list, the phone book alphabet search mode is activated.**

The letter selection screen is displayed.

2 **Turn the Rotary encoder to select the first letter (e.g. M), and then press ►►I.**

3 **Turn the Rotary encoder to select the second letter (e.g. I), and then press ►►I.**

4 **Turn the Rotary encoder to select the third letter (e.g. C), and then press 🔍/ENTER.**

The names stored in phone book which begin with "MIC" are searched.

5 **Turn the Rotary encoder to select the desired name (e.g. Michael James), and then press 🔍/ENTER to make the call.**

Notes

- *The Alphabet Search Function is only applicable to English alphabet characters.*
- *If the selected name has more than one number registered in the phone book, you need to turn the* **Rotary encoder** *to select the desired number, and then press* **🔍/ENTER**.
- *Press* **I◄◄** *in step 3 or 4 to delete the current entry and return to the previous step.*
- *You can search for a name by its first letter, first two letters or first three letters. Press* **🔍/ENTER** *after entering the desired number of letters. A list displays the names beginning with the entered letter(s).*

Voice Control Operation

When a Smartphone equipped with voice recognition function is paired with this unit, the Smartphone can be controlled by Voice Control via this unit.

Press and hold VOICE CTRL. for at least 2 seconds to activate the Voice Recognition mode.

After the Voice Recognition mode is activated and "SPEAK" is displayed, you can make a phone call, play a song, etc., via this unit by inputting voice control commands*.

* *Please refer to your Smartphone manual for other voice control commands.*

Notes

- *You can perform this operation only when a Voice recognition compatible Smartphone is connected. If the Smartphone is not compatible with the Voice recognition, "NO SUPPORT" is displayed for 2 seconds.*
- *The Voice recognition performance depends on the Smartphone and mounting location of the microphone. Please pay attention when the microphone is mounted.*
- *Voice recognition operation depends on the function of the Smartphone. For details, refer to the Owner's Manual of the Smartphone.*
- *If the person you are calling is not found, "NO CALL" is displayed for 2 seconds.*
- *Please obey all local traffic laws while using this function.*

Call waiting function

If a second call is received during a current call, you can have the first caller wait momentarily while you take the second call. When you are finished with one call, you can switch to the other one.

If a second call is received during the current call (call1), the information of second caller (call2) is displayed instead of the current caller's name. Press 2, the call waiting mode is activated.

In this case, call1 is on hold, while you take call2.

Notes

- *In the call waiting mode, press* **1** *or* **2** *to switch between the current call and the person on hold.*
- *In the call waiting mode, press and hold* **1** *or* **2** *for at least 2 seconds to hang up call1 or call2, and the other call will be answered automatically. (The action depends on the paired device.)*
- *In the call waiting mode, you can press* **VIEW** *to change the display between waiting number (1or 2) and caller name.*

Preset a number in the Phone Menu (Shortcut dial)

Assign numbers that you dial frequently to presets for quick recall. You can assign up to six frequently called phone numbers to number presets.

Select a number you want to preset from the Phone Menu list (PHONE BOOK, DIALED, etc.). Press and hold any one of the preset buttons (1 through 6) as the one that you wish to store the number for at least 2 seconds.

The phone number you selected is stored in presets.

Notes

- *If the name has several numbers registered in the phone book, press* **🔍/ENTER** *after selecting the name. Turn the* **Rotary encoder** *to choose the desired number. Press and hold any one of the* **preset buttons (1 through 6)** *for at least 2 seconds. The selected number is stored as a preset number.*
- *A total of 30 phone numbers can be stored in the preset memory (6 numbers for each Smartphone in the paired device list). If a Smartphone is deleted from the paired device list, the stored preset numbers of this Smartphone are deleted, even when it is paired again.*
- *If you store a phone number in a preset with a previously stored number, the current number will be cleared and replaced by the new one.*

Dialling the preset number

1 **Press any one of the preset buttons (1 through 6) that has had a number stored in the phone mode.**

The information (name/number) stored in the preset station is displayed.

2 **Press 🔍/ENTER or ✆.**

The stored preset number is dialed directly.

Adjusting the volume when receiving a Call

While calling, you can adjust the volume.

Turn the Rotary encoder to adjust the volume.

Note

- *You may need to increase volume from your regular audio listening source level. However, increasing the volume excessively may result in feedback. Feedback is directly related to the volume. Turning down the volume as low as acceptable, will reduce it. Positioning the microphone in a direction away from the main car speakers (e.g. clipped on sun visor) may also reduce feedback at high volume.*

Muting the microphone input quickly (Voice Mute)

During a call, activating the Voice Mute function will instantly mute the microphone input. Your voice will not be heard by the caller.

During a call, press ►/II to mute the microphone input.

Press ►/II again to bring the microphone input back to its previous volume level.

Call Switching Operation

During a call, this function allows you to initiate the transfer of the audio between the Smartphone and the speakers in the car.

During a call, press BAND or press and hold ►/II for at least 2 seconds to switch the call sound between the unit and Smartphone.

Note

- *Depending on the Smartphone, this operation may not be possible.*

BLUETOOTH Audio Operation

With a Bluetooth compatible Smartphone or music player, it's possible to play and control music playback wirelessly*.

* *To play back audio, a Smartphone or a portable player conforming to A2DP (Advanced Audio Distribution Profile) and AVRCP (Audio/ Video Remote Control Profile) is required. Not all functions work with all devices.*

Notes

- *Set BT IN to ON when you want to use BLUETOOTH Audio function. Refer to "Setting the BLUETOOTH Connection (BT IN)" on page 24.*
- *During a call, sound on the BLUETOOTH audio source is muted.*
- *If you operate the Hands-free phone (e.g. searching in the phone book) while using the BLUETOOTH Audio function, BLUETOOTH Audio playback may be affected.*

Recalling the BLUETOOTH Audio Mode

Press ⮌/SOURCE to select the BT AUDIO mode.

Selecting the desired Song

Press ⏮ or ⏭ to select the desired Song.

Pressing and holding ⏮ or ⏭ will fast backward/fast forward track continuously.

Note

- *The action depends on the paired device.*

Pausing

Press ►/II.

A playback stops. Pressing again will resume a playback.

Selecting the desired Group (Folder)

Press ◄ or ► to select the desired Group (Folder).

Note

- *This function is not available on all paired devices.*

Searching for a desired song

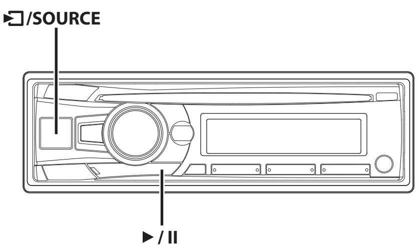
Artist name, album name, etc., may be searched and displayed during playback or pause.

1. **Press 🔍/ENTER to activate the search mode.**
2. **Turn the Rotary encoder to select the desired Group (Folder), and then press 🔍/ENTER.**
3. **Turn the Rotary encoder to select the desired album, folder, etc., within the selected Group (Folder), and then press 🔍/ENTER.**
4. **Repeat step 3 if necessary until the desired song is found.**

Notes

- *Search mode may differ depending on the paired device.*
- *The pause mode may be cancelled after the search.*
- *This function may not available depending on the paired device.*

USB Memory (optional)



Playback MP3/WMA/AAC Files from USB Memory (optional)

If a USB Memory device is connected to the unit, MP3/WMA/AAC files can be searched and played back.

1 **Press /SOURCE to select the USB AUDIO mode.**

2 **To pause playback, press ►/II.**
Pressing ►/II again will resume playback.

Notes
- *This unit plays back files in USB Memory with the same controls and modes used for playback of CDs containing MP3/WMA/AAC. For details, refer to "CD/MP3/WMA/AAC" on page 12.*
- *Before disconnecting USB Memory, be sure to change to another source or set to pause.*
- *The playback time may not be correctly displayed when a VBR (Variable Bit Rate) recorded file is played back.*

About MP3/WMA/AAC File of USB Memory

Playing back MP3/WMA/AAC

MP3/WMA/AAC files are prepared, then stored to a USB Memory Device. This unit can recognise at most 255 folders and 255 files per folder stored in USB Memory. Playback may not be performed if a USB Memory Device exceeds the limitations described above.
Do not make a file's playback time more than 1 hour.

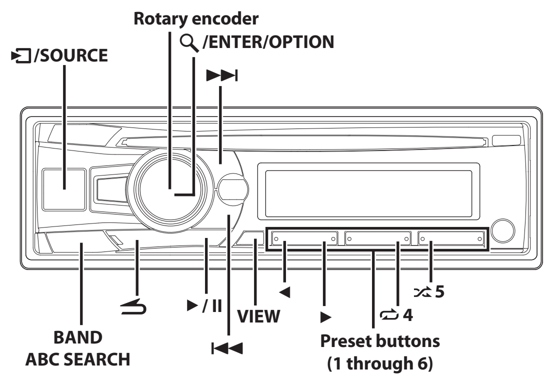
Media supported

This device can play back files stored on USB Memory devices designed for USB connection.

Corresponding File Systems

This device supports FAT 12/16/32 for USB Memory devices.

iPod/iPhone (optional)



Connecting an iPod/iPhone

An iPod/iPhone can be connected to this unit by using the Interface cable for iPod (included with iPod/iPhone). When an iPod/iPhone is connected to this unit, you can choose to control the iPod/iPhone using its own controls or by the head unit controls. For details, refer to "Setting the iPod Control" on page 31.

Notes
- *Internet and telephone functions of the iPod touch or iPhone, etc., can also be used when connecting to this unit. However, using these functions will stop or pause the currently playing songs. At this time do not operate the unit to avoid a malfunction.*
- *If you connect an iPhone to this unit, it can be used as an iPod. If you use iPhone as a hands-free phone, use the unit in which the BLUETOOTH function is built.*
- *Do not leave an iPod/iPhone in a car, as its mechanism is sensitive to high temperature and humidity conditions, and damage may result.*

About iPod/iPhone models usable with this unit
- Confirmed devices regarding Made for iPod. Correct function of earlier versions cannot be guaranteed.
  iPod nano (7th generation): Ver.1.0.2
  iPod touch (5th generation): Ver.6.1.3
  iPod touch (4th generation): Ver.6.1.3
  iPod nano (6th generation): Ver.1.2
  iPod touch (3rd generation): Ver.5.1.1
  iPod nano (5th generation): Ver.1.0.2
  iPod classic (160 GB) (Late 2009): Ver.2.0.4
  iPod touch (2nd generation): Ver.4.2.1
  iPod nano (4th generation): Ver.1.0.4
  iPod classic (120 GB): Ver.2.0.1
  iPod touch (1st generation): Ver.3.1.3
  iPod nano (3rd generation): Ver.1.1.3
  iPod classic (80 GB, 160 GB): Ver.1.1.2
- Confirmed devices regarding Made for iPhone. Correct function of earlier versions cannot be guaranteed.
  iPhone 5: Ver.6.1.3
  iPhone 4S: Ver.6.1.3
  iPhone 4: Ver.6.1.3
  iPhone 3GS: Ver.6.1.3
  iPhone 3G: Ver.4.2.1
  iPhone: Ver.3.1.3
- For clarity in identifying your model of iPod, please see Apple's own document "Identifying iPod models" at
  http://support.apple.com/kb/HT1353

- This unit does not support video playback from iPod/iPhone, even using a video-compatible cable.

Setting the iPod Control

When an iPod/iPhone is connected, operate it from its own controls or from the head unit.

1 **Press and hold /ENTER/OPTION for at least 2 seconds during iPod source.**

The Option menu for iPod mode is activated.

2 **Turn the Rotary encoder to select APP DIRECT, and then press /ENTER.**

The iPod control mode will be switched between iPod MODE and HU MODE.

HU (HEAD UNIT) MODE:
Operate the iPod/iPhone via this unit.
This mode allows you to use M.I.X. play, repeat and music search in an iPod/iPhone from the head unit.

Note
- *In HU MODE, if you operate from an iPod/iPhone, the head unit's display and operations may not correspond with those of the iPod/iPhone.*

iPod MODE:
Operate the iPod/iPhone using its own controls. When iPod MODE is selected, some functions will not be operable via the head unit.

Notes
- *During HU MODE, you can switch to iPod MODE directly by pressing* **BAND**.
- *Once the control mode is changed, the iPod/iPhone is paused. Press* **►/II** *to continue.*

Playback

1 **Press /SOURCE to switch to the iPod source.**

2 **Press ◄◄ or ►► to select the desired song.**

Pressing ◄◄ or ►► will fast backward/fast forward the current track.

3 **To pause playback, press ►/II.**

Pressing ►/II again will resume playback.

Notes
- *A song playing on the iPod/iPhone while it is connected to this unit will continue to play from where it was paused after disconnection.*
- *If you listen to an episode from a selected Podcast or Audiobook, the episode can be changed by pressing ◄ or ►.*
- *An episode may have several chapters. The chapter can be changed by pressing ◄◄ or ►►.*

Searching for a desired Song

An iPod/iPhone can contain hundreds of songs. Use one of the search modes listed below, that you deem most effective in finding a desired song.
Each music category has its own individual hierarchy. Use the Playlist/Artist/Album/Song/Podcast/Genre/Composer/Audiobook/Genius Mix List search mode to narrow searches based on the table below.

Hierarchy 1	Hierarchy 2	Hierarchy 3	Hierarchy 4
Playlist	Song	—	—
Artist*	Album*	Song	—
Album*	Song	—	—
Song	—	—	—
Podcast	Episode	—	—
Genre*	Artist*	Album*	Song
Composer*	Album*	Song	—
Audiobook	—	—	—
Genius Mix List	—	—	—

For example:
Searching by Artist name
The following example explains how an ARTIST search is performed. Another search mode can be used for the same operation, although the hierarchy differs.

1 **Press /ENTER to activate the search selection mode.**

2 **Turn the Rotary encoder to select the ARTIST search mode, and then press /ENTER.**

SHUFFLEALL*1 ↔ PLAYLIST ↔ ARTIST ↔ ALBUM ↔ SONG ↔ PODCAST ↔ GENRE ↔ COMPOSER ↔ AUDIOBOOK ↔ GENIUS MIX*2/*3 ↔ SHUFFLEALL

**1 Refer to "Random Play Shuffle (M.I.X.)" on page 33.*
**2 Depending on the connected iPod/iPhone, Genius Mix function may not be supported.*
**3 When an iPod/iPhone with Genius Mix List created by iTunes is connected to this unit, GENIUS MIX search mode can be used to search a Genius Mix List.*

Note
- *The display of search mode list varies depending on the setting of iPod LIST. For details, refer to "iPod/iPhone Search Mode Setting" on page 22.*

3 **Turn the Rotary encoder to select the desired Artist, and then press /ENTER.**

4 **Turn the Rotary encoder to select the desired Album, and then press /ENTER.**

5 **Turn the Rotary encoder to select the desired Song, and then press /ENTER.**

Notes
- *This function is unavailable when iPod MODE is selected in "Setting the iPod Control" (refer to "Setting the iPod Control" on page 31). And "iPod CONTROL" will be displayed.*
- *After pressing and holding* **/ENTER** *for at least 2 seconds while in each hierarchy (except SONG, AUDIOBOOK and GENIUS MIX List hierarchy), all songs of the selected hierarchy are played back.*
- *Playback [ALL] is only applicable for those categories marked with "*", press and hold* **/ENTER** *for at least 2 seconds to play back all songs in the iPod/iPhone or selected search mode.*
- *If no operation is performed for 60 seconds, the search mode is cancelled.*
- *In the search mode, pressing will return to the previous mode.*

- *When search is made during M.I.X. play, the M.I.X. play mode will be cancelled.*
- *When search is made during song downloading on iPhone, "UPDATING" will be displayed for a few second and the search mode will be cancelled.*
- *"NO SONG" will be displayed if there are no songs in the selected playlist in the PLAYLIST search mode.*
- *"NO PODCAST" will be displayed if there is no podcast data in the iPod/iPhone in the PODCAST search mode.*
- *"NO AUDIOBOOK" will be displayed if there is no audiobook data in the iPod/iPhone in AUDIOBOOK search mode.*
- *"NO GENIUS" will be displayed if there is no genius mix list data in the GENIUS MIX search mode.*
- *If "iPod name" stored in the iPod/iPhone is selected in the Playlist search mode, and* **🔍/ENTER** *is pressed, you can search for all songs in the iPod/iPhone. Also, if you press and hold* **🔍/ENTER** *for at least 2 seconds, all songs in the iPod/iPhone are played back.*
- *Depending on the iPod/iPhone, podcast search is not supported.*
- *Press any of the* **preset buttons (1 through 6)** *during a search to skip over a calculated percentage of songs. For details, refer to "Direct Search Function" on page 32.*
- *During search mode, a search can be made quickly by Alphabet search function to find the desired artist or song, etc. For details, refer to "Alphabet Search Function" on page 32.*

Direct Search Function

The unit's direct search function can be used to search for an album, song, etc., more efficiently. In PLAYLIST/ARTIST/ALBUM/SONG/PODCAST/GENRE/COMPOSER/AUDIOBOOK mode, you can quickly target any song.

In the search mode, press any one of the preset buttons (1 through 6) to quickly skip over a designated percent of your song content.

Song search example:

If there are 100 songs in your iPod/iPhone, they are divided into 6 groups using percentages (shown below). These groups are assigned to the preset buttons (1 through 6).

Example 1:

Suppose the song you are searching for is located at around the middle (50%) of your library: press button 4 to jump to the 50th song and turn the **Rotary encoder** *to find the desired song.*

Example 2:

Suppose the song you are searching for is located near the end (83%) of your library: press button 6 to jump to the 83rd song and turn the **Rotary encoder** *to find the desired song.*

	All 100 songs (100%)					
	0%	**17%**	**33%**	**50%**	**67%**	**83%**
Preset buttons	1	2	3	4	5	6
Songs	1st song	17th song	33rd song	50th song	67th song	83rd song

Notes
- *This function is inactive during Alphabet Search mode.*
- *This function is also applicable to CD/MP3/WMA/AAC search.*

Select Playlist/Artist/Album/Genre/Composer/Episode

Playlist/Artist/Album/Genre/Composer/Episode can be easily changed. For example, if you listen to a song from a selected album, the album can be changed.

Press ◄ or ► to select the desired Playlist/Artist/Album/Genre/Composer/Episode.

Notes
- *If the song search mode was used to select a song, this function is inactive.*
- *If an album is selected during an artist search, other albums by that artist are searchable.*
- *This function is inactive during shuffle (M.I.X.) playback.*

Alphabet Search Function

Quickly find an artist, album, etc. by the first letter in its title or name.

1. **During search mode, press BAND/ABC SEARCH to activate Alphabet Search function.**
2. **Turn the Rotary encoder to select the desired initial letter (e.g. select "M"), and then press 🔍/ENTER.**
   A list which begins with the selected initial letter is searched.
3. **Turn the Rotary encoder to select the desired item (which begins with initial letter "M"), and then press 🔍/ENTER.**
   The item is selected.

Notes
- *The Alphabet Search Function is only applicable to English alphabetic characters.*
- *While in Alphabet search mode, pressing ⏎ will return to the previous mode.*
- *If the PLAYLIST search mode is used to search for a song, the Alphabet search function is inactive in the song search hierarchy.*
- *This function is unavailable when GENIUS MIX is selected.*

Search Position Memory

During iPod/iPhone playback, you can quickly return to the last-selected hierarchy level in the search mode.

Press ⏎.

The hierarchy you selected last in the search mode is displayed.

Note
- *This function is unavailable when iPod MODE is selected in "Setting the iPod Control" (refer to "Setting the iPod Control" on page 31).*

Random Play Shuffle (M.I.X.)

The Shuffle function of the iPod/iPhone is displayed as ⤮ on this unit.

Shuffle Albums:
The songs on each album are played back in the order they were recorded. Upon completion of all the songs on the album, the next album is selected randomly. This continues until all albums have been played.

Shuffle Songs:
Song shuffle randomly plays back songs within a selected category (playlist, album, etc.). The songs within the category are played just once until all songs have been played.

1 Press ⤮ 5.

The songs are played back in random sequence.
MIX ALBUM*1 → MIX SONG*2 → MIX OFF → MIX ALBUM

**1 Shuffle Albums.*
**2 Shuffle Songs.*

2 To cancel M.I.X. play, select (MIX OFF) with the above procedure.

Note
- *If a song is selected in the album search mode before selecting M.I.X. play, the songs will not play back randomly even when Shuffle Albums is selected.*

Shuffle ALL:
Shuffle ALL plays all songs in the iPod/iPhone randomly. Any one song does not play back again until all songs have been played back.

1 Press 🔍/ENTER to activate the search selection mode.

2 Turn the Rotary encoder to select SHUFFLEALL, and then press 🔍/ENTER.

To cancel M.I.X. play, press ⤮ **5** to select OFF.

Notes
- *If Shuffle ALL is selected, the selected songs being played back in the search mode are cancelled.*
- *This function is unavailable when iPod MODE is selected in "Setting the iPod Control" (refer to "Setting the iPod Control" on page 31).*

Repeat Play

Only Repeat One is available for the iPod/iPhone.

Repeat One:
A single song is repeatedly played back.

1 Press 🔁 4.

The song is played back repeatedly.
REPEAT ONE* → REPEAT OFF → REPEAT ONE

** Repeat One.*

2 To cancel repeat play, select (REPEAT OFF) with the above procedure.

Note
- *Depending on the connected iPod, track up/down may be not available during Repeat play.*

Displaying the Text

You can display the tag information of a song in the iPod/iPhone.

Press VIEW.

Each press changes the display.

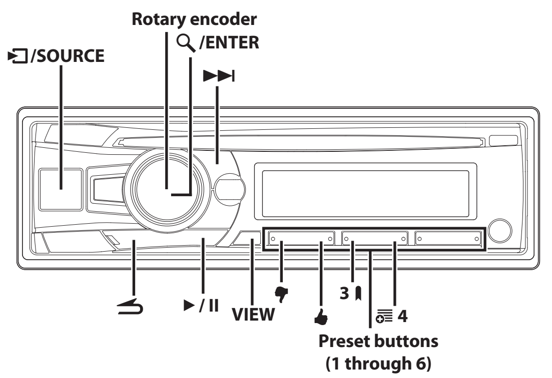
Note
- *When the TEXTSCROLL is set to MANUAL, press and hold* **VIEW** *for at least 2 seconds, the current text will be scrolled one time.*

TRACK NO./ELAPSED TIME → ARTIST NAME*1/SONG TITLE*1 → ALBUM NAME*1/SONG TITLE*1 → TRACK NO./CLOCK → SPECTRUM ANALYZER*2 → TRACK NO./ELAPSED TIME

**1 TAG information*
"ARTIST"/"ALBUM"/"SONG" is displayed if there is no tag information.
**2 Displays various patterns according to setting. For details, refer to "Setting the Spectrum analyzer" on page 22.*

Notes
- *The maximum number of characters for the head unit is 70 (70 byte).*
- *Some characters may not be correctly displayed.*

Pandora® internet radio (Optional) (CDE-154EBT)



Pandora® internet radio is your own FREE personalized radio now available to stream music on your Smartphone (which runs Android OS or iOS).
Just start with the name of one of your favorite artists, songs or classical composers and Pandora® will create a “station” that plays their music and more music like it.
The unit enables you to interact with your Pandora® account by connecting a Smartphone that has the latest version of the Pandora® application installed.

Notes

- *Some Pandora® application functions are not available when using this unit.*
- *Pandora® is also controllable from an iPod touch with Wi-Fi connection.*
- *Pandora® is available on iOS and Android OS with this unit.*
- *Before this operation, set ALPINE APP to USB or BT depending on the connected Smartphone. For details, refer to “Application Setting (APP)” on page 23.*

Listening to Pandora®

1 **Connect a Smartphone with the latest version of Pandora® installed.**

2 **Press /SOURCE to switch to the PANDORA mode.**

3 **To pause playback, press ▶/II.**
Pressing ▶/II again will resume playback.

4 **To skip to the next song, press ▶▶I.**

Notes

- *The operation to replay a previous song is not available.*
- *Pandora® limits the number of skips allowed on their service. If you attempt to skip songs beyond the limit, “SKIP LIMIT” is displayed.*
- *The unit remembers the source just before turning off the power. If Pandora® is the last SOURCE to be played, it will appear as the SOURCE the next time the unit is power up even if the app is not launched on your iPhone.*
- *Pandora® audio could drop out in areas with poor phone coverage.*
- *The display content varies when ads are received.*
- *The playback time may not be correctly displayed.*

“Thumbs” Feedback

You can personalize your stations with “THUMBS UP” or “THUMBS DOWN” feedback, which the system takes into account for future music selections.

During playback, press 👍 or 👎 for thumbs up or thumbs down.

👍: The “👍” icon appears in the display. Pandora® will add similar music to your station.

👎: The “👎” icon is displayed. Pandora® will ban that song from your station, and the current song is skipped. If the number of skips allowed has reached its limit, the current song continues to play back.

Note

- *In some situations, “THUMBS” feedback may not be available.*

Searching for a Desired Station

You can display your station list and select stations directly from this unit.

Alphabet Search:

1 **Press /ENTER to activate the Search mode.**

2 **Turn the Rotary encoder to select “A-Z”, and then press /ENTER.**
The “A-Z” search mode is activated and the station names are listed alphabetically.

3 **Turn the Rotary encoder to select the desired station, and then press /ENTER.**
Pandora® will play that station.

Search by Date Added:

1 **Press /ENTER to activate the Search mode.**

2 **Turn the Rotary encoder to select “BY DATE”, and then press /ENTER.**
The “BY DATE” search mode is activated and the station names are listed by the date they were added to the account.

3 **Turn the Rotary encoder to select the desired station, and then press /ENTER.**
Pandora® will play that station.

Notes

- *The shared station is marked with “*” in search list.*
- *If any one of the* **preset buttons (1 through 6)** *is pressed in the search mode, a search can be made quickly by skipping the specified number of channels. For details, refer to “Direct Search Function” on page 32.*

QuickMix

Use QuickMix to create a playlist based on two or more of your Pandora® stations. Edit your QuickMix station selections on the Pandora® Compatible Application for iPhone when it is not connected to this unit.

1 Press /ENTER to activate the Search mode.

2 Turn the Rotary encoder to select "A-Z" or "BY DATE", and then press /ENTER.

The "A-Z" or "BY DATE" search mode is activated and the station name is displayed.

3 Press /ENTER while selecting "QUICKMIX".

Notes

- *The songs from the created stations are played back in random sequence.*
- *Select another station during search mode to cancel QuickMix.*
- *During search list mode, the icon will be displayed when the current station belongs to QUICKMIX.*

Bookmarking a Desired Song or Artist

The currently playing track or artist can be bookmarked and saved to your Pandora® account.

1 During playback, press 3 (Bookmarks).

The Pandora® Bookmark screen is displayed.

2 Turn the Rotary encoder to select "TRACK (Bookmark)" or "ARTIST (Bookmark)", and then press /ENTER.

The current track or artist is bookmarked. "BOOKMARK TRACK" or "BOOKMARK ARTIST" is displayed.

Notes

- *Your bookmarks can be viewed on your "Profile" page at www.pandora.com.*
- *In some situations, bookmarks may not be available.*
- *When Bookmark operation is failed, BOOKMARK N/A will be displayed.*

Creating a New Station

Based on currently playing track or artist, you can create a new station and save to your Pandora® account.

1 During playback, press 4 (New Station).

The Pandora® New Station screen is displayed.

2 Turn the Rotary encoder to select "TRACK" or "ARTIST", and then press /ENTER.

A "NEW TRACK" or "NEW ARTIST" pop-up screen.
A New Station based on current track or artist is created.

Notes

- *Your New Station can be viewed on your "Profile" page at www.pandora.com.*
- *In some situations, creating a new station function may not be available.*
- *If this operation fails, N/A will be displayed.*
- *When the Smartphone is not connected to this unit, you can create personalized Pandora® stations using the Pandora® Application on your Smartphone. You can also create stations on the web at www.pandora.com.*

Search Position Memory

During playback, you can quickly return to the last-selected hierarchy level in the search mode.

Press .

The hierarchy you selected last in the search mode is displayed.

Changing the Display

Press VIEW.

Station Name*1 / Elapsed Time → Artist Name*1 / Song Title*1 →
Album Name*1 / Song Title*1 → Clock →
SPECTRUM ANALYZER*2 → Station Name*1 / Elapsed Time

**1 TAG information*
If there is no text information, nothing will be displayed.
**2 Displays various patterns according to setting. For details, refer to "Setting the Spectrum analyzer" on page 22.*

Note

- *Some characters may not be correctly displayed.*

Information

In Case of Difficulty

If you encounter a problem, please turn the power off, then on again. If the unit is still not functioning normally, please review the items in the following checklist. This guide will help you isolate the problem if the unit is at fault. Otherwise, make sure the rest of your system is properly connected or consult your authorized Alpine dealer.

Basic

No function or display.

- Vehicle's ignition is off.
  - If connected following instructions, the unit will not operate with the vehicle's ignition off.
- Improper power lead (Red) and battery lead (Yellow) connections.
  - Check power lead and battery lead connections.
- Blown fuse.
  - Check the fuse of the unit; replace with the proper value if necessary.
- Internal micro-computer malfunctioned due to interference noise etc.
  - Press the **RESET** switch with a ballpoint pen or other pointed article.

Radio

Unable to receive stations.

- No antenna or open connection in cable.
  - Make sure the antenna is properly connected; replace the antenna or cable if necessary.

Unable to tune stations in the seek mode.

- You are in a weak signal area.
  - Make sure the tuner is in the DX mode.
- If the area you are in is a primary signal area, the antenna may not be grounded and connected properly.
  - Check your antenna connections; make sure the antenna is properly grounded at its mounting location.
- The antenna may not be the proper length.
  - Make sure the antenna is fully extended; if broken, replace the antenna with a new one.

Broadcast is noisy.

- The antenna is not the proper length.
  - Extend the antenna fully; replace it if it is broken.
- The antenna is poorly grounded.
  - Make sure the antenna is grounded properly at its mounting location.

CD

CD Player not functioning.

- Out of operating temperature range +50°C (+120°F) for CD.
  - Allow the vehicle's interior (or trunk) temperature to cool.

CD playback sound is wavering.

- Moisture condensation in the CD Module.
  - Allow enough time for the condensation to evaporate (about 1 hour).

CD insertion not possible.

- A CD is already in the CD player.
  - Eject the CD and remove it.
- The CD is being improperly inserted.
  - Make sure the CD is being inserted following instructions in the CD Player Operation section.

Unable to fast forward or backward the CD.

- The CD has been damaged.
  - Eject the CD and discard it; using a damaged CD in your unit can cause damage to the mechanism.

CD playback sound skips due to vibration.

- Improper mounting of the unit.
  - Securely re-mount the unit.
- The disc is very dirty.
  - Clean the disc.
- The disc has scratches.
  - Change the disc.
- The pick-up lens is dirty.
  - Do not use a commercially available lens cleaner disc. Consult your nearest Alpine dealer.

CD playback sound skips without vibration.

- The disc is dirty or scratched.
  - Clean the disc; damaged disc should be replaced.

Error displays (built-in CD player only).

- Mechanical error
  - Press ⏏. After the error indication disappears, insert the disc again. If the above-mentioned solution does not solve the problem, consult your nearest Alpine dealer.

CD-R/CD-RW playback not possible.

- Close session (finalisation) has not been performed.
  - Perform finalisation and attempt playback again.

MP3/WMA/AAC

MP3, WMA or AAC is not played back.

- Writing error occurred. The MP3/WMA/AAC format is not compatible.
  - Make sure the MP3/WMA/AAC has been written in a supported format. Refer to "About MP3/WMA/AAC" on page 13, then rewrite in the format supported by this device.

Audio

The sound is not output from the speakers.

- Unit has no output signal of the internal amplifier.
  - POWER IC is switched to "ON", refer to "Connecting to an External Amplifier (POWER IC)" on page 16.

iPod

iPod does not play and no sound is output.

- The iPod has not been recognised.
  - Reset this unit and the iPod. Refer to "Initial System Start-Up" on page 10. To reset the iPod, refer to the Owner's Manual of the iPod.

Indication for CD Player

NO DISC

- No CD is inserted.
  - Insert a CD.
- Although a disc is inserted, "NO DISC" is displayed and the unit does not start to play or eject the disc.
  - Remove the disc by following these steps:
    Press the ⏏ button again for at least 2 seconds.
    If the disc still does not eject, consult your Alpine dealer.

ERROR

- Mechanism error.
  1. **Press the ⏏ button and eject the CD.**
     If not ejecting, consult your Alpine dealer.
  2. **When the error indication remains after ejecting, press the ⏏ button again.**
     If the error indication still does not turn off after pressing the ⏏ button for a few times, consult your Alpine dealer.
- When "ERROR" is displayed:
  If the disc cannot be ejected by pressing ⏏, press the **RESET** switch (refer to "Initial System Start-Up" on page 10) and press ⏏ again.
  If the disc still cannot be ejected, consult your Alpine dealer.

PROTECT

- A copy-protected WMA file was played back.
  – You can only play back non-copy-protected files.

UNSUPORTED

- A sampling rate/bit rate not supported by the unit is used.
  – Use a sampling rate/bit rate that is supported by the unit.

Indication for USB Memory

ERROR

- Communication error or others.
  – You can solve the problem by switching the source, turning ACC off/on, or turning power off/on.

ERROR-01

- Communication error.
  – You can solve the problem by switching the source, turning ACC off/on, or turning power off/on.

ERROR-04

- Abnormal current is run to the USB Memory device.
  – You can solve the problem by turning ACC off/on, or turning power off/on.

NO USB DEVICE

- A USB Memory is not connected.
  – Make sure the USB Memory device is correctly connected.

NO FILE

- No song (file) is stored in the USB Memory.
  – Connect the USB Memory device after storing songs (files).

UNSUPORTED

- A sampling rate/bit rate not supported by the unit is used.
  – Use a sampling rate/bit rate that is supported by the unit.

PROTECT

- A copy-protected WMA file was played back.
  – You can only play back non-copy-protected files.

NO SUPPORT

- Text information that is not recognisable by the unit is being used.
  – Change the text information to text that is supported by the unit.

DEVICE ERROR

- An unsupported USB device is connected.
  – Change other USB Memory.

Indication for iPod Mode

NO SONG

- There are no songs in the iPod/iPhone.
  – Download songs to the iPod/iPhone.

ERROR-01

- Communication error or boot error, etc.
  – You can solve the problem by switching the source, turning power off/on, or turning ACC off/on.

ERROR-02

- The iPod/iPhone version is too low.
  – Update the iPod/iPhone version.

ERROR-03

- The iPod/iPhone is not verified.
  – You can solve the problem by resetting the iPod/iPhone.

ERROR-04

- Abnormal current is run to the iPod/iPhone.
  – You can solve the problem by reconnecting the iPod/iPhone, turning ACC off/on, or turning power off/on.

NO USB DEVICE

- The iPod/iPhone is not connected.
  – Make sure the iPod/iPhone is correctly connected and the cable is not bent excessively.

UPDATING

- The search mode is activated during song downloading.
  – No necessary operation.

BLUETOOTH mode

NO UNIT

- The BLUETOOTH device is not connected.
  – Connect the BLUETOOTH device.

Indication for Pandora® Mode (CDE-154EBT)

NO PANDORA

- A Smartphone is not connected.
  – Make sure a Smartphone is correctly connected.

NO STATION

- You have not created any personalized Pandora® Stations.
  – When you are not driving, use the Pandora® Compatible Application on the Smartphone to create your Pandora® station(s).

SEE DEVICE

- The music cannot be played because the Pandora® Compatible Application on the Smartphone requires the user's attention.
  – When you are not driving, please see the Pandora® Compatible Application on the Smartphone.

NO SERVICE

- You switched CDE-154EBT to Pandora® mode by pressing **/SOURCE** with a Smartphone connected, without launching or installing the Pandora® Application.
  – Launch the Pandora® Application on the Smartphone.
  – Select a source other than Pandora® by pressing **/SOURCE**.

Specifications

FM TUNER SECTION

Tuning Range	87.5 ~ 108.0 MHz
Mono Usable Sensitivity	9.0 dBf (0.8 µV/75 ohms)
Alternate Channel Selectivity	80 dB
Signal-to-Noise Ratio	65 dB
Stereo Separation	35 dB
Capture Ratio	2.0 dB

AM TUNER SECTION

Tuning Range	531 ~ 1,602 kHz
Sensitivity (IEC Standard)	22.5 µV/27 dB

CD PLAYER SECTION

Frequency Response	5 ~ 20,000 Hz (±1 dB)
Wow & Flutter (% WRMS)	Below measurable limits
Total Harmonic Distortion	0.008% (at 1 kHz)
Dynamic Range	95 dB (at 1 kHz)
Signal-to-Noise Ratio	105 dB
Channel Separation	85 dB (at 1 kHz)

PICKUP

Wave length	795 nm
Laser power	CLASS I

USB SECTION

USB requirements	USB 1.1/2.0
Max. Power Consumption	Smartphone charge-capable
USB Class	Mass Storage
File System	FAT 12/16/32
MP3 Decoding	MPEG AUDIO Layer-3
WMA Decoding	Windows Media™ Audio
AAC Decoding	AAC-LC format ".m4a" file

BLUETOOTH SECTION

BLUETOOTH Specification	Bluetooth v2.1 + EDR
Output Power	+4 dBm Max. (Power class 2)
Profile	HFP (Hands-Free Profile) HSP (Head Set Profile) A2DP (Advanced Audio Distribution Profile) AVRCP (Audio/Video Remote Control Profile)

GENERAL

Power Requirement	14.4 V DC (11 ~ 16 V allowable)
Maximum Power Output	50 W × 4
Maximum Pre-Output Voltage	4 V/10 k ohms
Bass	±9.1 dB at 100 Hz
Treble	±9.1 dB at 10 kHz
Weight	1.4 kg (3 lbs. 1 oz)

CHASSIS SIZE

Width	178 mm (7")
Height	50 mm (2")
Depth	161.5 mm (6–3/8")

NOSEPIECE SIZE

Width	170 mm (6–3/4")
Height	46 mm (1–13/16")
Depth	24 mm (15/16")

Note

- *Due to continuous product improvement, specifications and design are subject to change without notice.*

Installation and Connections

Before installing or connecting the unit, please read the following and refer to "Operating Instructions" on page 6 for proper use.

⚠ WARNING

MAKE THE CORRECT CONNECTIONS.

Failure to make the proper connections may result in fire or product damage.

USE ONLY IN CARS WITH A 12 VOLT NEGATIVE GROUND.

(Check with your dealer if you are not sure.) Failure to do so may result in fire, etc.

BEFORE WIRING, DISCONNECT THE CABLE FROM THE NEGATIVE BATTERY TERMINAL.

Failure to do so may result in electric shock or injury due to electrical shorts.

DO NOT SPLICE INTO ELECTRICAL CABLES.

Never cut away cable insulation to supply power to other equipment. Doing so will exceed the current carrying capacity of the wire and result in fire or electric shock.

DO NOT DAMAGE PIPE OR WIRING WHEN DRILLING HOLES.

When drilling holes in the chassis for installation, take precautions so as not to contact, damage or obstruct pipes, fuel lines, tanks or electrical wiring. Failure to take such precautions may result in fire.

DO NOT USE BOLTS OR NUTS IN THE BRAKE OR STEERING SYSTEMS TO MAKE GROUND CONNECTIONS.

Bolts or nuts used for the brake or steering systems (or any other safety-related system), or tanks should NEVER be used for installations or ground connections. Using such parts could disable control of the vehicle and cause fire etc.

KEEP SMALL OBJECTS SUCH AS BATTERIES OUT OF THE REACH OF CHILDREN.

Swallowing them may result in serious injury. If swallowed, consult a physician immediately.

DO NOT INSTALL IN LOCATIONS WHICH MIGHT HINDER VEHICLE OPERATION, SUCH AS THE STEERING WHEEL OR SHIFT LEVER.

Doing so may obstruct forward vision or hamper movement etc. and results in serious accident.

⚠ CAUTION

HAVE THE WIRING AND INSTALLATION DONE BY EXPERTS.

The wiring and installation of this unit requires special technical skill and experience. To ensure safety, always contact the dealer where you purchased this product to have the work done.

USE SPECIFIED ACCESSORY PARTS AND INSTALL THEM SECURELY.

Be sure to use only the specified accessory parts. Use of other than designated parts may damage this unit internally or may not securely install the unit in place. This may cause parts to become loose resulting in hazards or product failure.

ARRANGE THE WIRING SO IT IS NOT CRIMPED OR PINCHED BY A SHARP METAL EDGE.

Route the cables and wiring away from moving parts (like the seat rails) or sharp or pointed edges. This will prevent crimping and damage to the wiring. If wiring passes through a hole in metal, use a rubber grommet to prevent the wire's insulation from being cut by the metal edge of the hole.

DO NOT INSTALL IN LOCATIONS WITH HIGH MOISTURE OR DUST.

Avoid installing the unit in locations with high incidence of moisture or dust. Moisture or dust that penetrates into this unit may result in product failure.

⚠ PRECAUTIONS

- Be sure to disconnect the cable from the (–) battery post before installing your CDE-154EBT/CDE-154EBTTH. This will reduce any chance of damage to the unit in case of a short-circuit.
- Be sure to connect the colour coded leads according to the diagram. Incorrect connections may cause the unit to malfunction or damage to the vehicle's electrical system.
- When making connections to the vehicle's electrical system, be aware of the factory installed components (e.g. on-board computer). Do not tap into these leads to provide power for this unit. When connecting the CDE-154EBT/CDE-154EBTTH to the fuse box, make sure the fuse for the intended circuit of the CDE-154EBT/CDE-154EBTTH has the appropriate amperage. Failure to do so may result in damage to the unit and/or the vehicle. When in doubt, consult your Alpine dealer.
- The CDE-154EBT/CDE-154EBTTH uses female RCA-type jacks for connection to other units (e.g. amplifier) having RCA connectors. You may need an adaptor to connect other units. If so, please contact your authorized Alpine dealer for assistance.
- Be sure to connect the speaker (–) leads to the speaker (–) terminal. Never connect left and right channel speaker cables to each other or to the vehicle body.

IMPORTANT

Please record the serial number of your unit in the space provided below and keep it as a permanent record. The serial number or the engraved serial number is located on the bottom of the unit.

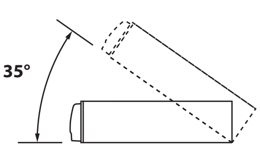
SERIAL NUMBER: [ ]
INSTALLATION DATE: [ ]
INSTALLATION TECHNICIAN: [ ]
PLACE OF PURCHASE: [ ]

Installation

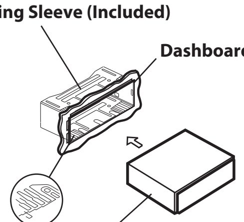
To prevent external noise from entering the audio system.
- **Locate the unit and route the leads at least 10 cm away from the car harness.**
- **Keep the battery power leads as far away from other leads as possible.**
- **Connect the ground lead securely to a bare metal spot (remove any paint, dirt or grease if necessary) of the car chassis.**
- **If you add an optional noise suppressor, connect it as far away from the unit as possible. Your Alpine dealer carries various noise suppressors, contact them for further information.**
- **Your Alpine dealer knows best about noise prevention measures so consult your dealer for further information.**

⚠CAUTION

When you install this unit in your car, do not remove the detachable front panel.
If the detachable front panel is removed during installation, you might press too hard and warp the metal plate that holds it in place.
The main unit must be mounted within 35 degrees of the horizontal plane, back to front.



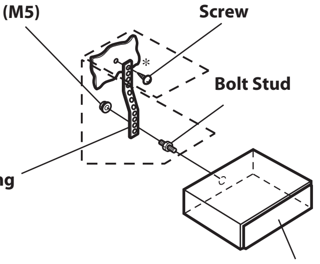
1 **Remove the mounting sleeve from the main unit (refer to “Removal” on page 41).**



* *If the installed mounting sleeve is loose in the dashboard, the pressure plates may be bent slightly to remedy the problem.*

2 **Reinforce the head unit with the metal mounting strap (not supplied). Secure the ground lead of the unit to a clean metal spot.**

Connect each input lead coming from an amplifier to the corresponding output lead coming from the left rear of the CDE-154EBT/CDE-154EBTTH. Connect all other leads of the CDE-154EBT/CDE-154EBTTH according to details described in the CONNECTIONS section.



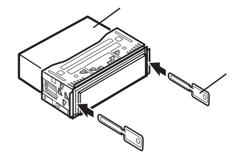
Note
- *For the screw marked “*”, use an appropriate screw for the chosen mounting location.*

3 **Slide the CDE-154EBT/CDE-154EBTTH into the dashboard until it clicks. This ensures that the unit is properly locked and will not accidentally come out from the dashboard. Install the detachable front panel.**

Removal

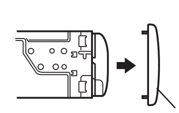
1 **Remove the detachable front panel.**

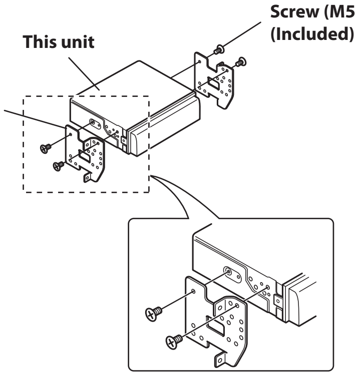
2 **Insert the bracket keys into the unit, along the guides on either side. The unit can now be removed from the mounting sleeve.**



3 **Pull the unit out, keeping it unlocked as you do so.**

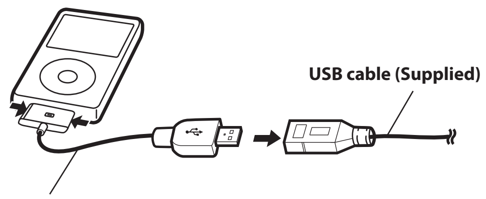
JAPANESE CAR





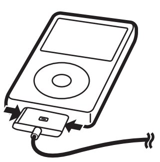
iPod/iPhone Connection (sold separately)

Connect USB cable to an iPod/iPhone with Interface cable for iPod.



Remove the iPod/iPhone

Remove the iPod/iPhone from Interface cable for iPod.



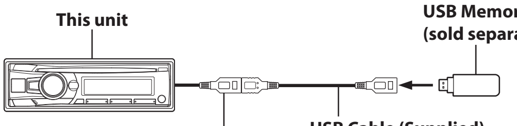
Notes

- *After changing the unit to a source other than the USB iPod, remove the iPod/iPhone. If the iPod/iPhone is removed in the USB iPod mode, data may cause damage.*
- *If sound is not output or the iPod/iPhone is not recognized even when the iPod/iPhone is connected, remove the iPod/iPhone once, then connect it again, or reset the iPod.*
- *Do not leave the iPod/iPhone in a vehicle for a long time. Heat and humidity may damage the iPod/iPhone and you may not be able to play it again.*

USB Memory Connection (sold separately)

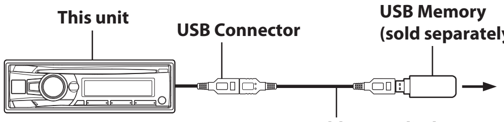
Connect USB Memory

Connect the USB cable to the USB connector of the unit.



Remove USB Memory

Pull out USB Memory squarely from the USB cable.



Notes

- *When removing USB Memory, pull it out straight.*
- *If sound is not output or USB Memory is not recognized even when USB Memory is connected, remove USB Memory once, then connect it again.*
- *Change to a source other than the USB Memory mode, then remove the USB Memory. If the USB Memory is removed in the USB Memory mode, data may be damaged.*
- *Route the USB cable away from another cables.*

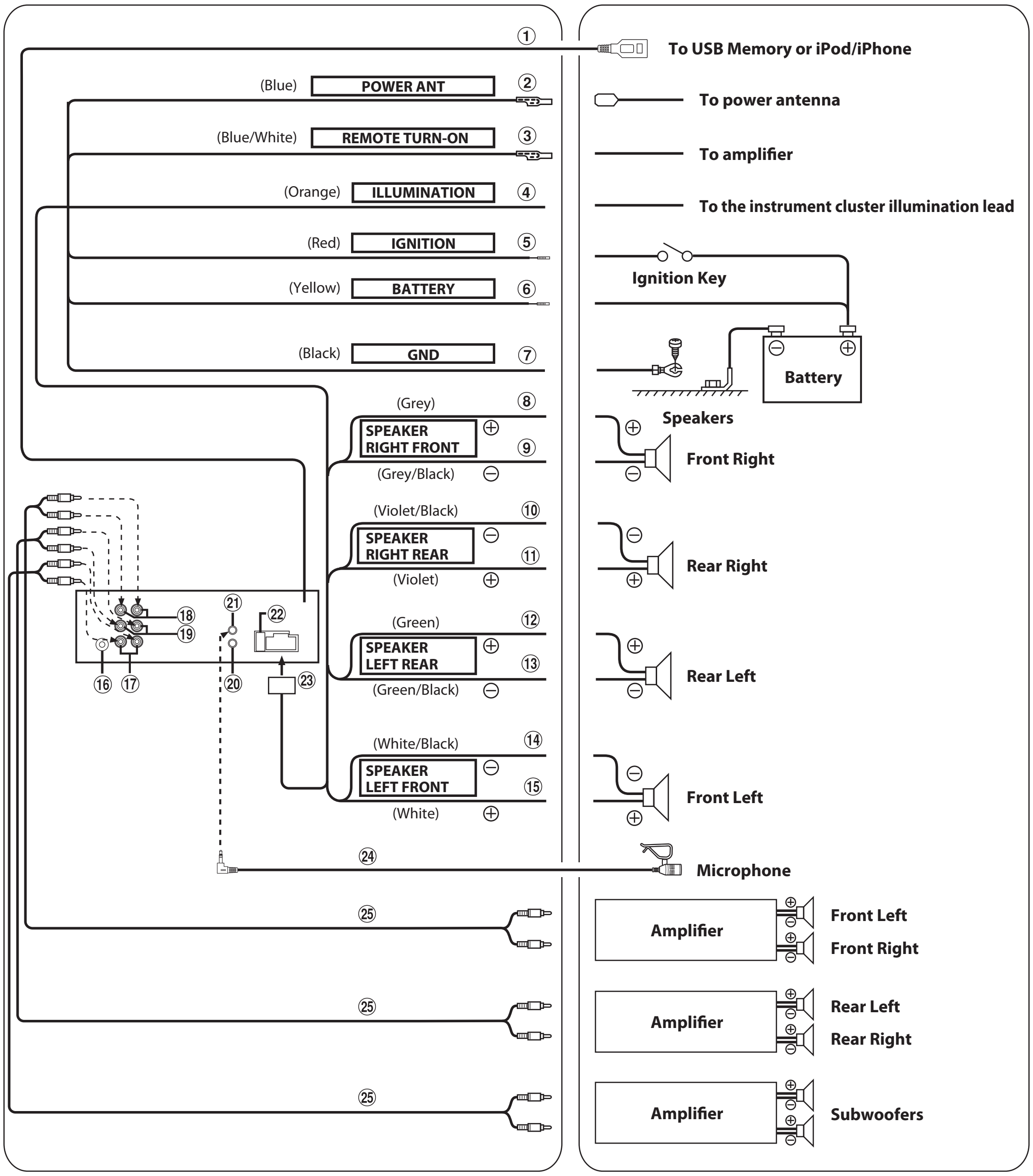
Mounting the Microphone

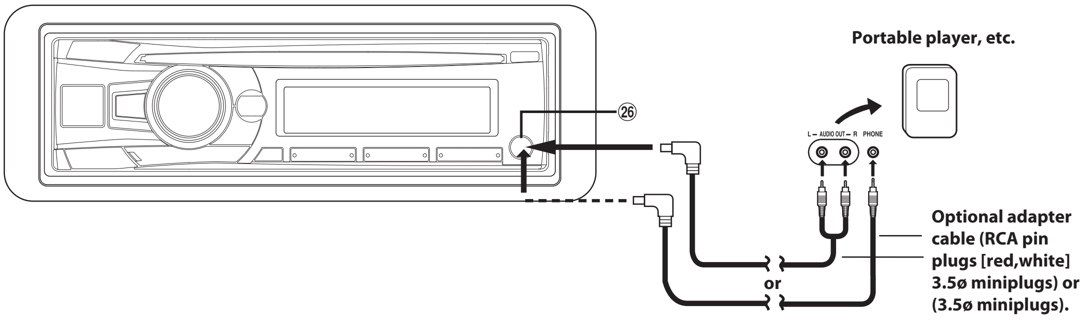
For the sake of safety, mount the microphone in the following location.

- In a stable and secure location.
- In a location that does not inhibit safely driving the vehicle.
- Mount the microphone in a location where the driver's voice can easily be picked up.

Choose a location for the microphone that can easily pick up the drivers voice. Requiring the driver to move towards the microphone for audibility causes a distraction that could be dangerous.

Connections





⚠CAUTION

Make the correct connections.
Failure to make the proper connections may result in fire or product damage. If there is an unused line, please cover insulating tape.

① **Rear USB Terminal**
Connect this to a USB Memory or an iPod/iPhone (sold separately).

② **Power Antenna Lead (Blue)**
Connect this lead to the +B terminal of your power antenna, if applicable.

Note
- *This lead should be used only for controlling the vehicle's power antenna. Do not use this lead to turn on an amplifier or a signal processor, etc.*

③ **Remote Turn-On Lead (Blue/White)**
Connect this lead to the remote turn-on lead of your amplifier or signal processor.

④ **Illumination Lead (Orange)**
This lead may be connected to the vehicle's instrument cluster illumination lead. This will allow the backlighting of this unit to dim whenever the vehicle's lights are turned on.

⑤ **Switched Power Lead (Ignition) (Red)**
Connect this lead to an open terminal on the vehicle's fuse box or another unused power source which provides (+) 12V only when the ignition is turned on or in the accessory position.

⑥ **Battery Lead (Yellow)**
Connect this lead to the positive (+) post of the vehicle's battery.

⑦ **Ground Lead (Black)**
Connect this lead to a good chassis ground on the vehicle. Make sure the connection is made to bare metal and is securely fastened using the sheet metal screw provided.

⑧ **Right Front (+) Speaker Output Lead (Grey)**

⑨ **Right Front (–) Speaker Output Lead (Grey/Black)**

⑩ **Right Rear (–) Speaker Output Lead (Violet/Black)**

⑪ **Right Rear (+) Speaker Output Lead (Violet)**

⑫ **Left Rear (+) Speaker Output Lead (Green)**

⑬ **Left Rear (–) Speaker Output Lead (Green/Black)**

⑭ **Left Front (–) Speaker Output Lead (White/Black)**

⑮ **Left Front (+) Speaker Output Lead (White)**

⑯ **Antenna Receptacle**

⑰ **Subwoofer Output RCA Connectors**
RED is right and WHITE is left.

⑱ **Front Output RCA Connectors**
RED is right and WHITE is left.

⑲ **Rear Output RCA Connectors**
RED is right and WHITE is left.

⑳ **Steering Remote Control Interface Connector**
To steering remote control interface box.
You can operate this unit from the vehicle's control unit when an Alpine Steering Remote Control Interface Box (optional) is connected. For details, contact your Alpine dealer.

㉑ **MIC Input Connector**
To Microphone.

㉒ **Fuse Holder (10A)**

㉓ **Power Supply Connector**

㉔ **Microphone (Supplied)**

㉕ **RCA Extension Cable (sold separately)**

㉖ **Front AUX Input Terminal**
This terminal allows for input of audio from an external device (such as a portable player), using a commercially-available converter cable.

About the Rules of Bluetooth Electromagnetic Radiation Regulation

Thailand	This telecommunication equipment is in compliance with NTC requirements.

สารบัญ / Isi

⚠ คำเตือน

สัญลักษณ์นี้หมายถึงคำแนะนำที่สำคัญ การละเลยไม่ปฏิบัติตามคำแนะนำนี้ อาจเป็นสาเหตุให้ได้รับบาดเจ็บสาหัสหรือถึงแก่ชีวิต

ห้ามใช้งานฟังก์ชันใด ๆ ที่เบี่ยงเบนความสนใจของท่านจากการขับรถอย่างปลอดภัย
ท่านควรใช้งานฟังก์ชันที่ต้องการความสนใจของท่านเป็นเวลานานหลังจากจอดรถแล้ว โปรดจอดรถในสถานที่ที่ปลอดภัยก่อนใช้งานฟังก์ชันดังกล่าว การละเลยไม่ปฏิบัติตามอาจเป็นสาเหตุของอุบัติเหตุ

โปรดปรับระดับความดังของเสียงให้อยู่ในระดับที่ท่านยังคงได้ยินเสียงจากภายนอกรถในขณะขับรถ
ระดับเสียงที่ดังเกินไปจะกลบเสียงสัญญาณฉุกเฉินของรถหรือเสียงสัญญาณเตือนทางจราจร (เสียงสัญญาณข้ามทางรถไฟ ฯลฯ) และเป็นอันตรายซึ่งอาจเป็นสาเหตุของอุบัติเหตุได้ นอกจากนี้ การรับฟังเสียงที่ดังเกินไปภายในรถอาจเป็นสาเหตุของความเสียหายของประสาทสัมผัสการรับฟัง

ห้ามถอดแยกชิ้นส่วนหรือดัดแปลงใด ๆ
การกระทำดังกล่าวอาจเป็นสาเหตุของอุบัติเหตุ, เพลิงไหม้ หรือไฟฟ้าช็อต

ใช้กับรถยนต์ที่มีกราวน์ไฟลบขนาด 12 โวลต์เท่านั้น
(หากท่านไม่แน่ใจ โปรดสอบถามจากผู้แทนจำหน่ายรถยนต์ของท่าน) การละเลยไม่ปฏิบัติตามอาจเป็นสาเหตุของเพลิงไหม้

เก็บสิ่งของขนาดเล็ก เช่น แบตเตอรี่ ให้ห่างจากมือเด็ก
การกลืนเข้าไปจะทำให้ได้รับบาดเจ็บสาหัส ถ้าเผลอกลืนเข้าไป ให้รีบไปพบแพทย์ทันที

เมื่อต้องเปลี่ยนฟิวส์ ให้ใช้ฟิวส์ซึ่งมีขนาดแอมแปร์ถูกต้อง
การละเลยไม่ปฏิบัติตามอาจเป็นสาเหตุของเพลิงไหม้ หรือไฟฟ้าช็อต

ห้ามวางสิ่งของกีดขวางช่องระบายอากาศหรือแผงหม้อน้ำ
การกระทำดังกล่าวอาจเป็นสาเหตุทำให้ความร้อนสะสมอยู่ภายในและเป็นสาเหตุของเพลิงไหม้

ใช้ผลิตภัณฑ์นี้กับการใช้งานที่ต้องการไฟ 12 โวลต์เท่านั้น
การใช้งานนอกเหนือจากที่ออกแบบไว้อาจเป็นสาเหตุของเพลิงไหม้, ไฟฟ้าช็อต หรือการบาดเจ็บได้

ห้ามสอดมือ, นิ้วมือ หรือสิ่งแปลกปลอมเข้าไปในช่องต่อหรือช่องว่างต่าง ๆ
การกระทำดังกล่าวอาจส่งผลให้ได้รับบาดเจ็บหรือความเสียหายแก่ตัวผลิตภัณฑ์

ทำการเชื่อมต่ออย่างถูกต้อง
การเชื่อมต่อไม่ถูกต้องอาจเป็นสาเหตุของเพลิงไหม้หรือความเสียหายของผลิตภัณฑ์

ก่อนเดินสาย ให้ถอดสายแบตเตอรี่ออกจากขั้วลบของแบตเตอรี่
การละเลยไม่ปฏิบัติตาม อาจเป็นสาเหตุของไฟฟ้าลัดวงจรหรือการบาดเจ็บเนื่องจากไฟฟ้าช็อต

ห้ามกรีดลอกสายไฟ
ห้ามกรีดลอกฉนวนหุ้มสายไฟเพื่อจ่ายไฟให้กับอุปกรณ์อื่น การกระทำดังกล่าวจะทำให้ปริมาณของกระแสไฟที่มากเกินกว่าที่สายไฟจะรับได้และเป็นสาเหตุของเพลิงไหม้หรือไฟฟ้าช็อต

ห้ามทำให้ท่อหรือสายไฟได้รับความเสียหายในขณะเจาะรู
เมื่อเจาะรูสำหรับการติดตั้งที่แชสซีส โปรดใช้ความระมัดระวังไม่ให้โดน, ทำความเสียหาย หรือกีดขวางท่อ, ท่อน้ำมัน, ถังน้ำมัน หรือสายไฟ การละเลยไม่ปฏิบัติตามข้อควรระวังดังกล่าวอาจเป็นสาเหตุของเพลิงไหม้

ห้ามใช้โบลต์หรือน็อตในชุดเบรกหรือระบบบังคับเลี้ยวเพื่อเชื่อมต่อกราวน์
ห้ามนำโบลต์หรือน็อตที่ใช้สำหรับชุดเบรกหรือระบบบังคับเลี้ยว (หรือระบบที่เกี่ยวข้องกับความปลอดภัยอื่นๆ) หรือถังน้ำมัน ไปใช้กับการติดตั้งหรือการเชื่อมต่อกราวน์โดยเด็ดขาด การใช้งานชิ้นส่วนดังกล่าวอาจเป็นสาเหตุให้สูญเสียการควบคุมรถและเพลิงไหม้ ฯลฯ

ห้ามติดตั้งลงในตำแหน่งที่อาจกีดขวางการใช้งานรถ เช่น พวงมาลัย หรือคันเกียร์
การกระทำดังกล่าวอาจบดบังทัศนวิสัยด้านหน้าหรือขัดขวางการเคลื่อนที่ ฯลฯ และเป็นสาเหตุของอุบัติเหตุร้ายแรง

⚠ PERINGATAN

Simbol ini menandakan petunjuk penting. Jika tidak dipatuhi dapat mengakibatkan cedera parah atau kematian.

JANGAN OPERASIKAN FUNGSI APA PUN YANG AKAN MENGALIHKAN PERHATIAN ANDA DARI MENGEMUDIKAN KENDARAAN SECARA AMAN.
Setiap fungsi yang memerlukan perhatian Anda dalam waktu lama hanya boleh dilakukan setelah berhenti sepenuhnya. Selalu hentikan kendaraan di lokasi yang aman sebelum menjalankan fungsi-fungsi ini. Jika tidak dilakukan dapat mengakibatkan kecelakaan.

PERTAHANKAN VOLUME DI LEVEL DI MANA ANDA MASIH DAPAT MENDENGAR SUARA LUAR SAAT MENGEMUDI.
Level volume terlalu tinggi yang menghalangi suara seperti sirine kendaraan darurat atau sinyal peringatan jalan (perlintasan kereta, dll.) berbahaya dan dapat mengakibatkan kecelakaan. MENDENGARKAN PADA LEVEL VOLUME KERAS DI DALAM MOBIL JUGA DAPAT MENYEBABKAN GANGGUAN PENDENGARAN.

JANGAN BONGKAR ATAU UBAH UNIT.
Jika dilakukan dapat mengakibatkan kecelakaan, kebakaran, atau sengatan listrik.

GUNAKAN HANYA DI DALAM MOBIL DENGAN GROUND NEGATIF 12 VOLT.
(Tanyakan pada dealer jika Anda tidak yakin.) Jika tidak dilakukan dapat mengakibatkan kebakaran, dll.

JAUHKAN KOMPONEN KECIL SEPERTI BATERAI DI LUAR JANGKAUAN ANAK-ANAK.
Seandainya tertelan dapat mengakibatkan cedera parah. Jika tertelan, segera periksakan ke dokter.

GUNAKAN RATING AMPERE YANG BENAR APABILA MENGGANTI SEKERING.
Jika tidak dilakukan dapat mengakibatkan kebakaran atau sengatan listrik.

JANGAN HALANGI VENTILASI ATAU PANEL RADIATOR.
Jika dilakukan dapat menyebabkan panas terjebak di dalam dan dapat mengakibatkan kebakaran.

GUNAKAN PRODUK INI UNTUK APLIKASI SELULER 12V.
Penggunaan untuk aplikasi selain yang dirancang dapat mengakibatkan kebakaran, sengatan listrik, atau cedera lainnya.

JANGAN MASUKKAN TANGAN, JARI, ATAU BENDA ASING KE DALAM SLOT MASUK ATAU CELAH.
Jika dilakukan dapat mengakibatkan cedera atau kerusakan pada produk.

SAMBUNGKAN DENGAN BENAR.
Jika tidak disambungkan dengan benar dapat mengakibatkan kebakaran atau kerusakan produk.

SEBELUM MERANGKAI, LEPASKAN KABEL DARI TERMINAL NEGATIF BATERAI.
Jika tidak dilakukan dapat mengakibatkan sengatan listrik atau cedera karena hubung singkat.

JANGAN MEMINTAS KABEL LISTRIK.
Jangan pernah memotong isolasi kabel untuk mencatu daya ke peralatan lain.
Jika dilakukan dapat melebihi kapasitas pengaliran arus kabel dan mengakibatkan kebakaran atau sengatan listrik.

JANGAN SAMPAI MERUSAK PIPA ATAU RANGKAIAN SAAT MENGEBOR LUBANG.
Ketika mengebor lubang pada chassis untuk pemasangan, berhati-hatilah agar tidak menyentuh, merusak, atau menghalangi pipa, saluran bahan bakar, tangki, atau rangkaian listrik. Mengabaikan tindakan pencegahan ini dapat mengakibatkan kebakaran.

JANGAN GUNAKAN BAUT ATAU MUR PADA SISTEM REM ATAU KEMUDI UNTUK MEMBUAT SAMBUNGAN GROUND.
Baut atau mur yang digunakan untuk sistem rem atau kemudi (atau sistem terkait keselamatan lainnya), atau tangki TIDAK BOLEH digunakan untuk pemasangan atau sambungan ground. Menggunakan komponen tersebut dapat menonaktifkan kontrol kendaraan dan menyebabkan kebakaran, dll.

JANGAN PASANG DI LOKASI YANG MUNGKIN MENGHAMBAT PENGOPERASIAN KENDARAAN, SEPERTI RODA KEMUDI ATAU TUAS PERSNELING.
Jika dilakukan dapat menghalangi pandangan ke depan atau menghambat gerakan, dll. dan mengakibatkan kecelakaan parah.

⚠ ข้อควรระวัง

สัญลักษณ์นี้หมายถึงคำแนะนำที่สำคัญ การละเลยไม่ปฏิบัติตามคำแนะนำนี้อาจเป็นสาเหตุให้ได้รับบาดเจ็บสาหัสหรือทรัพย์สินเสียหาย

หยุดการใช้งานทันทีถ้าเกิดความผิดปกติขึ้น
การละเลยไม่ปฏิบัติตามอาจเป็นสาเหตุของการได้รับบาดเจ็บหรือความเสียหายของผลิตภัณฑ์ หากมีความผิดปกติ กรุณาส่งเครื่องกลับไปที่ผู้แทนจำหน่ายอย่างเป็นทางการของ Alpine หรือศูนย์บริการของ Alpine ที่ใกล้ที่สุดเพื่อทำการซ่อมแซม

โปรดมอบหมายหน้าที่ในการเดินสายไฟและติดตั้งแก่ช่างผู้เชี่ยวชาญ
การเดินสายไฟและการติดตั้งผลิตภัณฑ์นี้ต้องการทักษะทางเทคนิคพิเศษและประสบการณ์ เพื่อความปลอดภัย โปรดติดต่อกับผู้แทนจำหน่ายที่ท่านซื้อผลิตภัณฑ์นี้เพื่อมอบหมายให้ดำเนินงานดังกล่าว

ใช้ชิ้นส่วนเสริมที่กำหนดไว้และติดตั้งชิ้นส่วนดังกล่าวให้แน่นหนา
ต้องใช้เฉพาะชิ้นส่วนเสริมที่กำหนดไว้เท่านั้น การใช้ชิ้นส่วนอื่นที่ไม่ได้กำหนดไว้อาจก่อให้เกิดความเสียหายภายในตัวเครื่อง หรืออาจทำให้ตัวเครื่องติดตั้งไม่แน่นหนา ซึ่งอาจเป็นสาเหตุที่ทำให้ชิ้นส่วนหลวม และส่งผลให้เกิดอันตรายต่อตัวผลิตภัณฑ์หรือการทำงานผิดปกติ

จัดวางสายไฟโดยระวังไม่ให้สายไฟบิดเบี้ยวหรือถูกขอบโลหะคมกดทับ
เดินสายสัญญาณและสายไฟให้ห่างจากชิ้นส่วนที่เคลื่อนที่ได้ (เช่น รางปรับเบาะนั่ง) หรือขอบชิ้นส่วนที่คมหรือมีปลายแหลม วิธีการนี้จะช่วยป้องกันสายไฟบิดเบี้ยวหรือความเสียหาย ถ้าเดินสายไฟลอดผ่านรูในชิ้นส่วนโลหะ ให้ใช้ปลอกยางเพื่อป้องกันฉนวนหุ้มสายไฟถูกขอบโลหะของรูดังกล่าวกรีดขาด

ห้ามติดตั้งในสถานที่ที่มีความชื้นสูงหรือมีฝุ่นฟุ้งกระจาย
หลีกเลี่ยงการติดตั้งเครื่องในสถานที่ที่มีความชื้นสูงหรือมีฝุ่นฟุ้งกระจาย ความชื้นหรือฝุ่นที่เล็ดลอดเข้าไปในตัวเครื่องอาจเป็นสาเหตุทำให้เครื่องเสีย

⚠ PERHATIAN

Simbol ini menandakan petunjuk penting. Jika tidak dipatuhi dapat mengakibatkan cedera atau kerusakan properti.

SEGERA HENTIKAN PENGGUNAAN JIKA TERJADI MASALAH.
Jika tidak dilakukan dapat menyebabkan cedera atau kerusakan pada produk. Kembalikan ke dealer resmi Alpine Anda atau Pusat Servis resmi Alpine terdekat untuk diperbaiki.

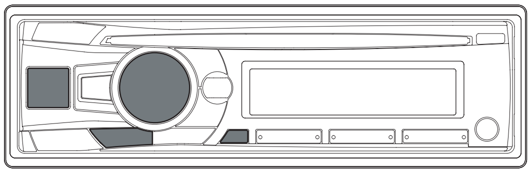
PERANGKAIAN DAN PEMASANGAN HANYA BOLEH DILAKUKAN OLEH AHLI.
Perangkaian dan pemasangan unit ini memerlukan keahlian dan pengalaman teknis khusus. Untuk memastikan keselamatan, selalu hubungi dealer tempat Anda membeli produk ini untuk mengerjakannya.

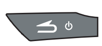
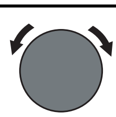
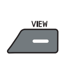
GUNAKAN KOMPONEN AKSESORI YANG DITETAPKAN DAN PASANG SECARA AMAN.
Pastikan untuk hanya menggunakan komponen aksesori yang ditetapkan. Penggunaan komponen selain yang ditetapkan dapat merusak bagian dalam unit atau unit mungkin tidak terpasang dengan kuat. Hal ini dapat menyebabkan komponen kendor dan membahayakan atau mengakibatkan kegagalan produk.

ATUR PENEMPATAN RANGKAIAN AGAR TIDAK TERTEKAN ATAU TERJEPIT TEPI LOGAM YANG TAJAM.
Lewatkan kabel dan rangkaian jauh dari komponen bergerak (misalnya rel kursi) atau tepi yang tajam atau runcing. Hal ini akan mencegah rangkaian tertekan dan rusak. Jika rangkaian melewati lubang pada logam, gunakan grommet karet untuk mencegah isolasi kabel terkelupas oleh tepi lubang pada logam.

JANGAN PASANG DI LOKASI YANG TERPAPAR KELEMBAPAN ATAU DEBU.
Hindari memasang unit di lokasi yang sering terpapar kelembapan atau debu. Kelembapan atau debu yang masuk ke dalam unit ini dapat mengakibatkan kegagalan produk.

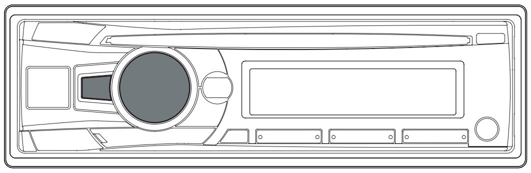
เริ่มต้นใช้งาน / Memulai

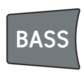
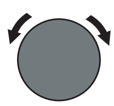
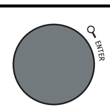


	ภาษาไทย	*Indonesia*
	**การเปิดเครื่อง** กดปุ่มใดปุ่มหนึ่ง (ยกเว้นปุ่ม ⏏ และ ⏏) เพื่อเปิดเครื่อง "DEMO OFF" จะปรากฏขึ้นเมื่อท่านติดตั้งและใช้งานเครื่องเป็นครั้งแรก และกด 🔍/**ENTER** เพื่อปิดฟังก์ชันสาธิต	**Menghidupkan Daya** Tekan tombol apa saja (kecuali ⏏ dan ⏏) untuk menghidupkan daya. "DEMO OFF" akan muncul saat Anda memasang dan menggunakan unit untuk pertama kalinya, tekan 🔍/**ENTER** untuk mematikan fungsi demo.
	กดปุ่ม ↶/⏻ ค้างไว้อย่างน้อย 2 วินาที เพื่อปิดเครื่อง	Tekan terus ↶/⏻ selama sedikitnya 2 detik untuk mematikan unit.
	**การเปลี่ยนแหล่งสัญญาณเข้า** **TUNER → DISC → USB AUDIO/iPod***[1] **→ BT AUDIO***[2] **→ PANDORA***[3]/*[4] **→ AUXILIARY***[5] **→ TUNER** *[1] *จะปรากฏขึ้นต่อเมื่อ iPod/iPhone เชื่อมต่ออยู่เท่านั้น* *[2] *จะปรากฏขึ้นต่อเมื่อตั้งค่า BT IN เป็น ON เท่านั้น* *[3] *จะไม่ปรากฏขึ้นเมื่อตั้งค่า ALPINE APP เป็น OFF* *[4] *สำหรับ CDE-154EBT เท่านั้น* *[5] *จะปรากฏขึ้นต่อเมื่อตั้งค่า AUX SETUP เป็น ON เท่านั้น*	**Mengganti Sumber** **TUNER → DISC → USB AUDIO/iPod***[1] **→ BT AUDIO***[2] **→ PANDORA***[3]/*[4] **→ AUXILIARY***[5] **→ TUNER** *[1] *Ditampilkan hanya jika iPod/iPhone tersambung.* *[2] *Ditampilkan hanya jika BT IN diatur ke ON.* *[3] *Tidak ditampilkan jika ALPINE APP diatur ke OFF.* *[4] *Hanya untuk CDE-154EBT* *[5] *Ditampilkan hanya jika AUX SETUP diatur ke ON.*
	**การปรับเสียง**	**Mengatur Volume**
	**การแสดงข้อมูล** จอแสดงผลจะเปลี่ยนข้อมูลที่แสดงทุกครั้งที่กดปุ่มนี้	**Menampilkan Teks** Tampilan akan berubah setiap kali tombol ini ditekan.

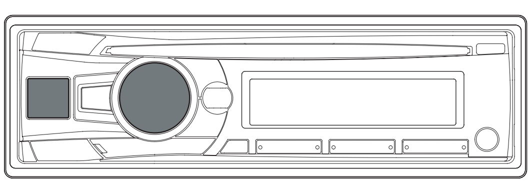
ฟังก์ชัน BASS ENGINE SQ / Fungsi BASS ENGINE SQ

	ภาษาไทย	*Indonesia*
	ด้วยฟังก์ชัน BASS ENGINE SQ ในเครื่อง ท่านสามารถปรับพารามิเตอร์ต่างๆ ของเสียงเบสได้พร้อมกัน การปรับระดับ BASS ENGINE SQ ทำให้พารามิเตอร์ต่างๆ มีความหลากหลายและผสมผสานกันอย่างลงตัวเป็นเอฟเฟ็กต์เสียงเบสที่ดีที่สุดที่ระดับต่างๆ กัน	Dengan fungsi BASS ENGINE SQ pada unit ini, beberapa parameter yang mempengaruhi kinerja Bass disesuaikan secara bersamaan. Penyesuaian level BASS ENGINE SQ memvariasikan parameter-parameter ini secara merata agar efek Bass optimal pada level berbeda.
	เกี่ยวกับการตั้งค่าเมื่อมีเครื่องขยายเสียงภายนอกเชื่อมต่ออยู่ เพื่อให้ BASS ENGINE SQ มีประสิทธิภาพมากที่สุด เราขอแนะนำให้ทำการตั้งค่าเครื่องขยายเสียงดังต่อไปนี้ หลังการตั้งค่า ท่านสามารถปรับระดับ BASS ENGINE SQ ตามเพลงได้ **1 ตั้งค่าอัตราการขยายเสียงของเครื่องขยายเสียงไปที่ "MIN"** **2 ตั้งค่าสวิตช์เปลี่ยนโหมดไปที่ "OFF"** **3 ตั้งค่า BASS ENGIN ของตัวเครื่องไปที่ "ON", และตั้งระดับ BASS ENGINE SQ ไปที่ "+3"** **4 เล่นเพลงในประเภทที่ท่านฟังเป็นประจำ และปรับอัตราการขยายเสียงของเครื่องขยายเสียง**	**Tentang Penyiapan saat amplifier daya eksternal disambungkan.** Untuk mengoptimalkan BASS ENGINE SQ, kami menyarankan penyiapan amplifier daya berikut ini. Setelah penyiapan, Anda dapat menyesuaikan Level BASS ENGINE SQ sesuai dengan musiknya. **1 Atur gain amplifier daya ke "MIN".** **2 Atur sakelar Sektor Mode Crossover ke "OFF".** **3 Atur BASS ENGIN unit ini ke "ON", dan Level BASS ENGINE SQ ke "+3".** **4 Putar lagu yang genre-nya sering Anda dengar, dan sesuaikan gain amplifier daya.**



		ภาษาไทย		*Indonesia*	
1		**เปิดใช้งานโหมด BASS ENGINE SQ** **กดค้างไว้เพื่อเปลี่ยนไปที่โหมด BASS ENGINE SQ** BASS ENGINE SQ ↔ MANUAL SET (ค่าเริ่มต้น)		**Aktifkan mode BASS ENGINE SQ.** **Tekan terus untuk beralih ke mode BASS ENGINE SQ.** BASS ENGINE SQ ↔ MANUAL SET (Pengaturan awal)	
2-1		**การปรับระดับ BASS ENGINE SQ**	แสดงหน้าจอการปรับระดับ BASS ENGINE SQ	**Menyesuaikan level BASS ENGINE SQ.**	Menampilkan layar penyesuaian Level BASS ENGINE SQ.
2-2			เลือกระดับที่ต้องการ (0 - +6) (ค่าเริ่มต้น: +3)		Pilih level (0 - +6) yang diinginkan. (Pengaturan awal: +3)
3		**เข้าใช้งาน**		**Masukkan.**	
		• *จากระดับ 0 ถึงระดับ 6 เอฟเฟ็กต์ของ BASS ENGINE SQ จะเพิ่มขึ้นทีละระดับ*		• *Dari Level 0 hingga Level 6, efek BASS ENGINE SQ meningkat selevel demi selevel.*	

การใช้งาน TuneIt / Menerapkan TuneIt



	ภาษาไทย	*Indonesia*
	สามารถปรับแต่งเสียงของเครื่องได้จากสมาร์ทโฟนที่ทำการเชื่อมต่ออยู่ นอกจากนี้ ยังสามารถรับและตอบกลับข้อมูลจากบริการเครือข่ายสังคม (SNS) ของ Alpine ที่ใช้งานได้ผ่านทางสมาร์ทโฟนที่เชื่อมต่ออยู่ ควรเปิด TuneIt App ที่ติดตั้งบนสมาร์ทโฟนก่อนทำการเชื่อมต่อกับเครื่องหลัก	Penyetelan suara unit ini dapat program dari Smartphone yang tersambung. Melalui unit ini, informasi mungkin juga diterima dan direspons dari Layanan Jejaring Sosial (SNS) Alpine yang tersedia melalui Smartphone yang tersambung. TuneIt App yang diinstal harus dijalankan pada Smartphone sebelum sambungan ke unit head.

การปรับแต่งเสียงผ่านทางสมาร์ทโฟน / Menyesuaikan suara melalui Smartphone

		ภาษาไทย	*Indonesia*
1		ตรวจสอบให้แน่ใจว่าเปิดเครื่องแล้ว	**Pastikan unit dinyalakan.**
2		เปิด TuneIt App บนสมาร์ทโฟน ปรับเสียงตัวเครื่องโดยใช้สมาร์ทโฟน • *ไม่สามารถปรับระดับเสียงผ่านทางสมาร์ทโฟนได้* • *ไม่สามารถตั้งค่าบนสมาร์ทโฟนและตัวเครื่องนี้ได้พร้อมกัน* • *โปรดปฏิบัติตามกฎจราจรในท้องที่เมื่อใช้งานฟังก์ชันนี้*	**Jalankan TuneIt App pada Smartphone. Sesuaikan suara unit dengan pas pada Smartphone.** • *Level volume tidak dapat disesuaikan melalui Smartphone.* • *Pengaturan tidak dapat dilakukan baik pada Smartphone dan unit ini pada waktu bersamaan.* • *Patuhilah semua undang-undang lalu lintas setempat saat menggunakan fungsi ini.*

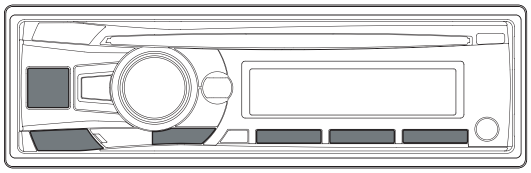
การรับการแจ้งเตือน / Menerima Pemberitahuan

		ภาษาไทย	*Indonesia*
1	SOURCE	แสดงเมนูการแจ้งเตือนขณะรับการแจ้งเตือนจาก Facebook	**Menampilkan Menu Pemberitahuan ketika menerima Pemberitahuan dari Facebook.**
2		เลือกโหมดที่ต้องการจาก LIKE* / REPLAY / NEXT / PREVIOUS / TTS VOLUME * *ไม่ปรากฏขึ้นเมื่อการแจ้งเตือนที่ได้รับเป็นประเภทข้อความ*	**Pilih mode yang diinginkan dari LIKE* / REPLAY / NEXT / PREVIOUS / TTS VOLUME.** * *Tidak ditampilkan ketika tipe Pemberitahuan yang diterima adalah Pesan.*
3	ENTER	เข้าใช้งาน	**Masukkan.**

แสดงรายการแจ้งเตือน / Menampilkan Daftar Pemberitahuan

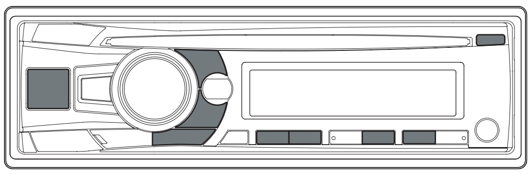
		ภาษาไทย	*Indonesia*
1	SOURCE	กดปุ่มค้างไว้อย่างน้อย 2 วินาที เพื่อแสดงรายการแจ้งเตือน	**Tekan terus selama minimal 2 detik untuk menampilkan Daftar Pemberitahuan.**
2		เลือกการแจ้งเตือนที่ต้องการ	**Pilih pemberitahuan yang diinginkan.**
3	ENTER	เข้าใช้งาน	**Masukkan.**
4		จากนั้นไปที่ขั้นตอนที่ 2 ของ “การรับการแจ้งเตือน”	**Lalu lanjutkan ke langkah 2 “Menerima Pemberitahuan”.**

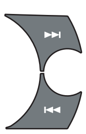
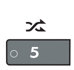
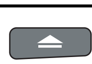
วิทยุ / Radio



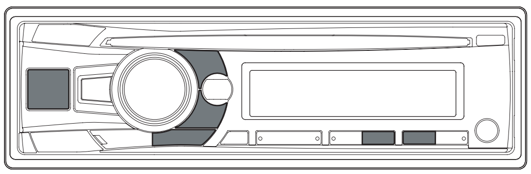
		ภาษาไทย	*Indonesia*
1		**เรียกใช้งานโหมด TUNER** เลือกโหมด TUNER	**Membuka Mode TUNER** Pilih mode TUNER.
2		**การเปลี่ยนคลื่นวิทยุ** FM1 → FM2 → AM → FM1	**Mengganti Band** FM1 → FM2 → AM → FM1
3		**การตั้งสถานีวิทยุอัตโนมัติ** **กดปุ่มนี้ค้างไว้อย่างน้อย 2 วินาที** จูนเนอร์จะค้นหาและบันทึกสถานีที่มีสัญญาณแรง 6 สถานีในคลื่นวิทยุที่เลือกไว้	**Membuat Stasiun Preset Secara Otomatis** **Tekan terus selama sedikitnya 2 detik.** Tuner akan mencari dan menyimpan 6 stasiun dengan penerimaan kuat dalam band yang dipilih.
4		**การจูนหาสถานีวิทยุที่ตั้งไว้**	**Menyetel ke Stasiun Preset**

CD/MP3/WMA/AAC

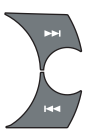


	ภาษาไทย	*Indonesia*
	**เรียกใช้งานโหมด DISC** เลือกโหมด DISC	**Membuka Mode DISC** Pilih mode DISC.
	**การหยุดเล่นชั่วคราวและการเล่น**	**Jeda dan Pemutaran**
	**การเลือกเพลงที่ต้องการ** กดและปล่อยปุ่ม ⏮ หรือ ⏭ เพื่อข้ามไปยังจุดเริ่มต้นของเพลงปัจจุบันหรือเพลงถัดไป	Memilih lagu yang diinginkan Tekan dan lepaskan ⏮ atau ⏭ untuk melompat ke awal lagu yang diputar atau lagu berikutnya.
	กดปุ่ม ⏮ หรือ ⏭ ค้างไว้เพื่อย้อนกลับหรือเร่งไปข้างหน้าอย่างรวดเร็ว	Tekan terus ⏮ atau ⏭ untuk mundur cepat atau maju cepat.
	**การเลือกโฟลเดอร์ที่ต้องการ (MP3/WMA/AAC)**	**Memilih folder yang diinginkan (MP3/WMA/AAC)**
	**M.I.X. (การสุ่มเล่น)** MIX FOLDER : สุ่มเล่นเฉพาะไฟล์ที่อยู่ในโฟลเดอร์หนึ่งเท่านั้น (MP3/WMA/AAC) MIX ALL : เพลง/ไฟล์ในแผ่นดิสก์จะสุ่มเล่น (CD/MP3/WMA/AAC) MIX OFF : ยกเลิก	**M.I.X. (Putar Acak)** MIX FOLDER : Hanya file dalam folder itu yang akan diputar secara acak. (MP3/WMA/AAC) MIX ALL : Track/file di dalam disk diputar dalam urutan acak. (CD/MP3/WMA/AAC) MIX OFF : Batal
	**การเล่นซ้ำ** REPEAT ONE : เล่นซ้ำเฉพาะเพลง/ไฟล์หนึ่งเท่านั้น REPEAT FOLDER : เล่นซ้ำเฉพาะไฟล์ที่อยู่ในโฟลเดอร์หนึ่งเท่านั้น (MP3/WMA/AAC) REPEAT OFF : ยกเลิก	**Putar Ulang** REPEAT ONE : Hanya track/file itu yang akan diputar berulang kali. REPEAT FOLDER: Hanya file dalam folder itu yang akan diputar berulang kali. (MP3/WMA/AAC) REPEAT OFF : Batal
	**นำแผ่นออก**	**Keluarkan**

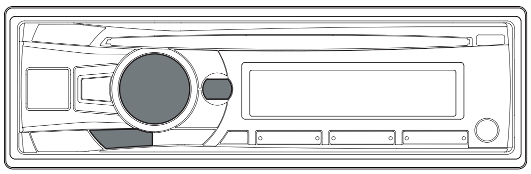
แฟลชไดรฟ์ USB (อุปกรณ์เสริม) / Memori USB (Opsional)



- ถ้าเสียบแฟลชไดรฟ์ USB เข้ากับตัวเครื่อง ท่านจะสามารถเล่นไฟล์ MP3/WMA/AAC ที่เก็บอยู่ในแฟลชไดรฟ์ USB ดังกล่าวได้ / Jika perangkat Memori USB terhubung ke unit ini, file MP3/WMA/AAC yang tersimpan pada perangkat Memori USB tersebut dapat diputar.

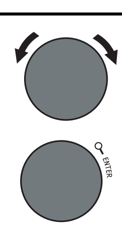
	ภาษาไทย	*Indonesia*
	**เรียกใช้งานโหมด USB AUDIO** เลือกโหมด USB AUDIO	**Membuka USB AUDIO** Pilih mode USB AUDIO.
	**การหยุดเล่นชั่วคราวและการเล่น**	**Jeda dan Pemutaran**
	**การเลือกเพลงที่ต้องการ** กดและปล่อยปุ่ม ⏮ หรือ ⏭ เพื่อข้ามไปยังจุดเริ่มต้นของเพลงปัจจุบันหรือเพลงถัดไป กดปุ่ม ⏮ หรือ ⏭ ค้างไว้เพื่อย้อนกลับหรือเร่งไปข้างหน้าอย่างรวดเร็ว	**Memilih lagu yang diinginkan** Tekan dan lepaskan ⏮ atau ⏭ untuk melompat ke awal lagu yang diputar atau lagu berikutnya. Tekan terus ⏮ atau ⏭ untuk mundur cepat atau maju cepat.
	**M.I.X. (การสุ่มเล่น)** MIX FOLDER : สุ่มเล่นเพลงทั้งหมดในโฟลเดอร์ปัจจุบัน MIX ALL : สุ่มเล่นเพลงทั้งหมดในแฟลชไดรฟ์ USB MIX OFF : ยกเลิก	**M.I.X. (Putar Acak)** MIX FOLDER : Semua lagu dalam folder yang aktif akan diputar secara acak. MIX ALL : Semua lagu dalam Memori USB akan diputar secara acak. MIX OFF : Batal
	**การเล่นซ้ำ** REPEAT ONE : เล่นซ้ำเฉพาะไฟล์หนึ่งเท่านั้น REPEAT FOLDER: เล่นซ้ำเฉพาะไฟล์ที่อยู่ในโฟลเดอร์หนึ่งเท่านั้น REPEAT OFF : ยกเลิก	**Putar Ulang** REPEAT ONE : Hanya file itu yang akan diputar berulang kali. REPEAT FOLDER: Hanya file dalam folder itu yang akan diputar berulang kali. REPEAT OFF : Batal

BLUETOOTH®



	ภาษาไทย	*Indonesia*
	ข้อมูลเกี่ยวกับ BLUETOOTH BLUETOOTH คือเทคโนโลยีการสื่อสารไร้สายระหว่างอุปกรณ์พกพาหรือคอมพิวเตอร์ส่วนบุคคลในระยะใกล้ ซึ่งช่วยให้สามารถใช้งานอุปกรณ์แฮนด์ฟรีหรือถ่ายโอนข้อมูลระหว่างอุปกรณ์ที่รองรับเทคโนโลยี BLUETOOTH	**Tentang BLUETOOTH** BLUETOOTH adalah teknologi nirkabel yang memungkinkan komunikasi antar perangkat seluler atau PC dalam jarak pendek. Teknologi ini memungkinkan panggilan bebas genggam atau transmisi data antar perangkat yang kompatibel dengan BLUETOOTH.

จับคู่กับอุปกรณ์ที่รองรับการใช้งาน BLUETOOTH / Memasangkan dengan perangkat yang kompatibel dengan BLUETOOTH

		ภาษาไทย	*Indonesia*
1		ใช้อุปกรณ์ของท่านที่รองรับ BLUETOOTH เพื่อค้นหาและเลือก **“CDE-154Series”**	Gunakan perangkat BLUETOOTH yang kompatibel untuk mencari dan memilih "**CDE-154Series**".
		สำหรับ iPod/iPhone ให้เชื่อมต่อเข้ากับเครื่องนี้ผ่านทางพอร์ต USB	Untuk iPod/iPhone, sambungkan dengan unit ini melalui port USB.
2		**<สำหรับอุปกรณ์ที่มีระบบจับคู่พร้อมความปลอดภัยแบบง่าย (SSP) หรือ iPod/iPhone>** เครื่องหลักจะถามให้ทำการ **“PAIR”** หมุน**ตัวแปลงสัญญาณ**เพื่อเลือก **“YES”** จากนั้นกด **/ENTER**	**<Untuk perangkat dengan Secure Simple Pairing (SSP) atau iPod/iPhone>** Unit utama akan meminta **"PAIR"**. Putar **Encoder rotari** untuk memilih **"Pairing YES"**, kemudian tekan **/ENTER**.
		<สำหรับอุปกรณ์อื่นทั้งหมด> เมื่อเครื่องหลักพร้อมใช้งาน ใส่รหัสผ่าน **“0000”** บนอุปกรณ์ที่รองรับการใช้งาน BLUETOOTH	**<Untuk semua perangkat lainnya>** Bila diminta oleh unit utama, masukkan kode **"0000"** di perangkat yang kompatibel BLUETOOTH.
3		เมื่อการจับคู่สำเร็จ **“CONNECTED”** จะปรากฏบนหน้าจอของเครื่องหลัก	Apabila pemasangan berhasil, **"Connected"** akan ditampilkan pada unit utama.

การเรียกสาย / Menelepon

		ภาษาไทย	*Indonesia*
1		เปิดใช้งานโหมดรายการเลือกวิธีการส่งสัญญาณออก	**Mengaktifkan mode pilihan daftar metode keluar.**
2		เลือกวิธีการเรียกสายได้จาก DIALED/RECEIVED/MISSED/PHONE BOOK	**Pilih mode keluar yang dinginkan dari DIALED/RECEIVED/MISSED/PHONE BOOK.**
3		เข้าใช้งาน	**Enter**
4		เลือกชื่อหรือหมายเลขโทรศัพท์ที่ต้องการ	**Pilih nama atau nomor telepon yang diinginkan.**
5		เข้าใช้งาน เครื่องจะโทรออกไปยังสายที่เลือกไว้	**Enter** Telepon yang dipilih akan dipanggil.

การรับสายเรียกเข้า / Menjawab Panggilan Masuk

	ภาษาไทย	*Indonesia*
or	รับโทรศัพท์ เริ่มการสนทนา	**Jawab panggilan.** Panggilan dimulai.
	• *เมื่อตั้งค่า "AUTO ANS" เป็น ON จะเป็นการรับสายโทรศัพท์โดยอัตโนมัติหลังจากมีสายเรียกเข้าเป็นเวลาประมาณ 5 วินาที*	• *Apabila "AUTO ANS" diatur ke ON, panggilan akan dijawab secara otomatis setelah sekitar 5 detik.*

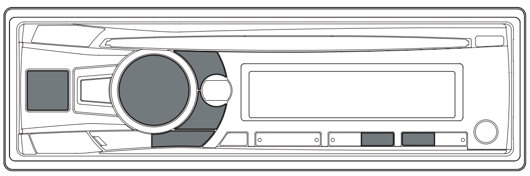
การวางสาย / Menutup Telepon

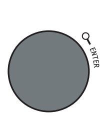
	ภาษาไทย	*Indonesia*
or	วางสายโทรศัพท์	**Akhiri panggilan.**

การควบคุมด้วยเสียง / Operasi Kontrol Suara

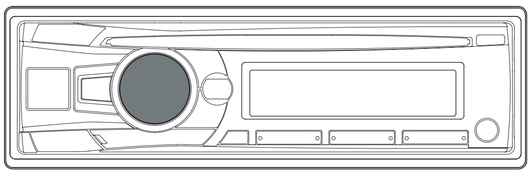
		ภาษาไทย	*Indonesia*
1		**กดค้างไว้เป็นเวลาอย่างน้อย 2 วินาทีเพื่อกระตุ้นให้โหมดจดจำเสียงทำงาน**	**Tekan terus selama minimal 2 detik untuk mengaktifkan mode Pengenalan Suara.**
2		**หลังจากโหมดจดจำเสียงทำงานและ "SPEAK" ปรากฏขึ้น ท่านจะสามารถโทรออก เล่นเพลง ฯลฯ ผ่านเครื่องนี้ได้โดยการป้อนคำสั่งการควบคุมด้วยเสียง*** ** กรุณาอ้างอิงกับคู่มือการใช้งานสมาร์ทโฟนของท่านสำหรับคำสั่งการควบคุมด้วยเสียงอื่นๆ*	**Setelah mode Pengenalan Suara diaktifkan dan "SPEAK" ditampilkan, Anda bisa menelepon, memutar lagu, dll., melalui unit ini dengan memasukkan perintah kontrol suara*.** ** Bacalah buku panduan smartphone Anda untuk perintah kontrol suara lainnya*
		• *ท่านสามารถใช้งานฟังก์ชันนี้ได้เมื่อเชื่อมต่อสมาร์ทโฟนที่รองรับฟังก์ชันจดจำเสียงเท่านั้น ถ้าสมาร์ทโฟนไม่รองรับฟังก์ชันจดจำเสียง "NO SUPPORT" จะปรากฏขึ้นเป็นเวลา 2 วินาที* • *ประสิทธิภาพการทำงานของฟังก์ชันจดจำเสียงจะขึ้นอยู่กับช่วงการจดจำของสมาร์ทโฟนและตำแหน่งการติดตั้งของไมโครโฟน กรุณาให้ความสนใจเมื่อติดตั้งไมโครโฟน* • *การจดจำเสียงจะขึ้นอยู่กับฟังก์ชันของสมาร์ทโฟน สำหรับรายละเอียดเพิ่มเติม ให้อ้างอิงกับคู่มือการใช้งานของสมาร์ทโฟน* • *ถ้าไม่พบชื่อบุคคลที่ท่านพูดออกมา "NO CALL" จะปรากฏขึ้นเป็นเวลา 2 วินาที* • *กรุณาปฏิบัติตามกฎจราจรในท้องที่ทั้งหมดในขณะที่ใช้ฟังก์ชันนี้*	• *Anda bisa melakukan operasi ini hanya jika Smartphone yang tersambung kompatibel dengan Pengenalan suara. Jika Smartphone tidak kompatibel dengan Pengenalan suara, "NO SUPPORT" ditampilkan selama 2 detik.* • *Kinerja Pengenalan suara tergantung Smartphone dan lokasi pemasangan mikrofon. Mohon perhatikan saat mikrofon dipasang.* • *Operasi pengenalan suara tergantung pada fungsi Smartphone. Untuk detailnya, bacalah Panduan Pengguna Smartphone.* • *Jika nama orang yang Anda ucapkan tidak ditemukan, "NO CALL" ditampilkan selama 2 detik.* • *Patuhilah semua undang-undang lalu lintas setempat saat menggunakan fungsi ini.*

iPod/iPhone (อุปกรณ์เสริม) / iPod/iPhone (Opsional)

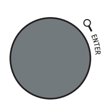
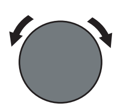
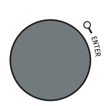
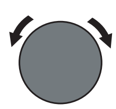
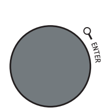


	ภาษาไทย	*Indonesia*
	ท่านสามารถเชื่อมต่อเครื่อง iPod/iPhone เข้ากับเครื่องนี้ได้ โดยการใช้งานสายสัญญาณของ iPod/iPhone (ให้มาพร้อมกับเครื่อง iPod/iPhone)	iPod/iPhone dapat dihubungkan ke unit dengan menggunakan kabel Antarmuka untuk iPod/iPhone (disertakan dengan iPod/iPhone).
	**เรียกใช้งานโหมด iPod** เลือกโหมด iPod	**Membuka Mode iPod** Pilih mode iPod.
	**การหยุดเล่นชั่วคราวและการเล่น**	**Jeda dan Pemutaran**
	**การเลือกเพลงที่ต้องการ** กดและปล่อยปุ่ม |◀◀ หรือ ▶▶| เพื่อข้ามไปยังจุดเริ่มต้นของเพลงปัจจุบันหรือเพลงถัดไป	Memilih lagu yang diinginkan Tekan dan lepaskan |◀◀ atau ▶▶| untuk melompat ke awal lagu yang diputar atau lagu berikutnya.
	กดปุ่ม |◀◀ หรือ ▶▶| ค้างไว้เพื่อย้อนกลับหรือเร่งเพลงปัจจุบันไปข้างหน้าอย่างรวดเร็ว	Tekan terus |◀◀ atau ▶▶| untuk mundur cepat atau maju cepat dalam lagu yang diputar.
	**การสุ่มเล่น (M.I.X.)** MIX ALBUM (สุ่มเล่นอัลบั้ม): การสุ่มเล่นอัลบั้มจะเล่นเพลงทั้งหมดในอัลบั้มหนึ่งตามลำดับ จากนั้นจึงสุ่มเลือกอัลบั้มถัดไป MIX SONG (สุ่มเล่นเพลง): การสุ่มเล่นเพลงจะเล่นเพลงในประเภทที่เลือกไว้ (รายชื่อเพลง, อัลบั้ม, ฯลฯ) MIX OFF : ยกเลิก	**Kocok Pemutaran Acak (M.I.X.)** MIX ALBUM (Kocok Album): Pemutaran kocok album akan memutar semua lagu secara urut, lalu memilih album berikutnya secara acak. MIX SONG (Kocok Lagu): Kocok lagu akan memutar kembali lagu-lagu secara acak dalam kategori yang dipilih (daftar putar, album, dll.). MIX OFF : Batal
	**การสุ่มเล่นทั้งหมด** **1. กดปุ่ม /ENTER เพื่อเปิดใช้งานโหมดเลือกค้นหา** **2. หมุนตัวแปลงสัญญาณ เพื่อเลือก SHUFFLEALL จากนั้นกดปุ่ม /ENTER** SHUFFLEALL : การสุ่มเล่นทั้งหมดจะเล่นเพลงทั้งหมดที่อยู่ใน iPod/iPhone แบบสุ่ม และจะไม่เล่นเพลงใดเพลงหนึ่งซ้ำจนกว่าจะเล่นเพลงครบทุกเพลง • *หากต้องการยกเลิกโหมดสุ่มเล่นทั้งหมด ให้กด 5 เพื่อเลือก MIX OFF*	**Kocok Pemutaran Acak SEMUA** **1. Tekan /ENTER untuk mengaktifkan mode pilihan pencarian.** **2. Putar Encoder rotari untuk memilih SHUFFLEALL, kemudian tekan /ENTER.** SHUFFLEALL: Kocok SEMUA memutar semua lagu di iPod/iPhone secara acak. Lagu tertentu tidak diputar kembali sebelum semua lagu diputar. • *Untuk membatalkan mode Kocok SEMUA, tekan 5 untuk memilih MIX OFF.*
	**การเล่นซ้ำ** REPEAT ONE : เล่นซ้ำเพียงหนึ่งเพลง REPEAT OFF : ยกเลิก	**Putar Ulang** REPEAT ONE: Hanya lagu itu yang akan diputar berulang kali. REPEAT OFF: Batal

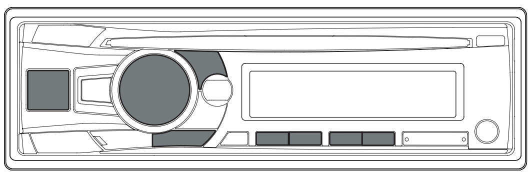
การค้นหาเพลงที่ต้องการ (iPod/iPhone) / Mencari Lagu yang diinginkan (iPod/iPhone)

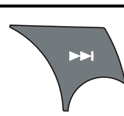


ลำดับชั้นที่ 1 / Hierarki 1	ลำดับชั้นที่ 2 / Hierarki 2	ลำดับชั้นที่ 3 / Hierarki 3	ลำดับชั้นที่ 4 / Hierarki 4
รายการเพลง / Daftar Putar	เพลง / Lagu	—	—
ศิลปิน / Artis	อัลบั้ม / Album	เพลง / Lagu	—
อัลบั้ม / Album	เพลง / Lagu	—	—
เพลง / Lagu	—	—	—
พอดแคสท์ / Podcast	ตอนที่ / Episode	—	—
ประเภท / Genre	ศิลปิน / Artis	อัลบั้ม / Album	เพลง / Lagu
นักแต่งเพลง / Komposer	อัลบั้ม / Album	เพลง / Lagu	—
หนังสือเสียง / Buku Audio	—	—	—
รายการเล่นแบบ Mix อัจฉริยะ / Daftar Campuran Genius	—	—	—

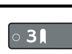
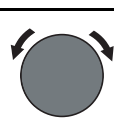
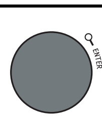
		ภาษาไทย	*Indonesia*
1		**ใช้งานโหมดเลือกค้นหา**	**Aktifkan mode pilihan pencarian.**
2		**เลือกโหมดค้นหาที่ต้องการ** **PLAYLIST/ARTIST/ALBUM/SONG/PODCAST/GENRE/ COMPOSER/AUDIOBOOK/GENIUS MIX** • *รายการโหมดค้นหาที่แสดงขึ้นมาจะแตกต่างกันไปโดยขึ้นอยู่กับการตั้งค่าของ iPod LIST*	**Pilih mode pencarian yang diinginkan.** **PLAYLIST/ARTIST/ALBUM/SONG/PODCAST/ GENRE/COMPOSER/AUDIOBOOK/GENIUS MIX** • *Tampilan daftar mode pencarian bervariasi tergantung pada pengaturan iPod LIST.*
3		**เข้าใช้งาน**	**Enter**
4		**เลือกรายการที่ต้องการ**	**Pilih judul yang diinginkan.**
5		**เข้าใช้งาน** โหมดเพลง/หนังสือเสียง/ค้นหาแบบ Mix อัจฉริยะ: รายการเล่นแบบ Mix อัจฉริยะ/หนังสือเสียง/เพลงที่เลือกจะถูกเล่น โหมดค้นหาอื่น: ข้ามไปยังลำดับชั้นถัดไป ค้นหารายการโดยการปฏิบัติตามขั้นตอนที่ 4 และ 5 ซ้ำๆ	**Enter** Mode Pencarian Lagu/ Buku Audio/Campuran Genius: Daftar lagu/buku audio/ campuran genius yang dipilih diputar. Mode Pencarian lainnya: Lanjutkan ke level hierarki berikutnya. Carilah judul dengan melakukan langkah 4 dan 5 berulang kali.
		• *หลังจากกด* 🔍 ***/ENTER*** *ค้างไว้เป็นเวลาอย่างน้อย 2 วินาที ในขณะที่อยู่ในแต่ละลำดับขั้น (ยกเว้นลำดับขั้นของรายการเล่นแบบ MIX อัจฉริยะ, หนังสือเสียง และเพลง) เพลงทั้งหมดของลำดับขั้นที่เลือกจะถูกเล่น* • *เมื่อทำการค้นหาในระหว่างการเล่นแบบ M.I.X. เครื่องจะยกเลิกการทำงานของโหมดเล่น M.I.X.*	• *Setelah menekan dan menahan* 🔍 ***/ENTER*** *selama sedikitnya 2 detik saat di masing-masing hierarki (kecuali hierarki daftar Lagu, Buku Audio, dan Campuran Genius), semua lagu dari hierarki yang dipilih akan diputar.* • *Apabila pencarian dilakukan selama pemutaran M.I.X, maka mode pemutaran M.I.X. akan dibatalkan.*

การรับฟังวิทยุทางอินเทอร์เน็ตผ่านฟังก์ชัน Pandora® (อุปกรณ์เสริม) (CDE-154EBT) / Radio internet Pandora® (Opsional) (CDE-154EBT)

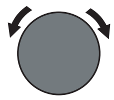
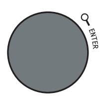


	ภาษาไทย	*Indonesia*
	การรับฟังวิทยุทางอินเทอร์เน็ตผ่าน Pandora® คือระบบวิทยุส่วนบุคคล FREE ของท่านโดยสามารถใช้เพื่อรับฟัง (Stream) เพลงในสมาร์ทโฟนของท่าน (ซึ่งทำงานด้วยระบบ Android OS หรือ iOS) เครื่อง CDE-154EBT จะทำให้ท่านสามารถเชื่อมต่อกับบัญชีฟังก์ชัน Pandora® ของท่านได้โดยการเชื่อมต่อสมาร์ทโฟนที่ได้ติดตั้งแอพพลิเคชัน Pandora® เวอร์ชันล่าสุดไว้แล้ว	Radio internet Pandora® adalah radio personalisasi FREE yang saat ini tersedia untuk melakukan streaming musik ke smartphone Anda (yang berjalan di Android OS atau iOS). CDE-154EBT memungkinkan Anda berinteraksi dengan akun Pandora® dengan menyambungkan smartphone yang memiliki instalasi aplikasi Pandora® versi terbaru.
	**การเรียกใช้งานโหมด PANDORA** เลือกโหมด PANDORA	**Mengembalikan mode PANDORA** Pilih mode PANDORA.
	**การหยุดเล่นชั่วคราวและการเล่น**	**Jeda dan Pemutaran**
	**การเลือกเพลงที่ต้องการ** การข้ามไปยังเพลงถัดไป กด ▶▶|	**Memilih track yang diinginkan** Untuk melompat ke track berikutnya, tekan ▶▶|.
	**การตอบกลับด้วยสัญลักษณ์ "นิ้วหัวแม่มือ" กด 👍 หรือ 👎 สำหรับแสดงความชื่นชอบและไม่ชื่นชอบ** 👍: ชื่นชอบ 👎: ไม่ชื่นชอบ	**Umpan balik "Jempol".** **Tekan 👍 atau 👎 untuk jempol ke atas atau jempol ke bawah.** 👍: Jempol ke atas. 👎: Jempol ke bawah.

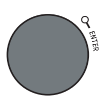
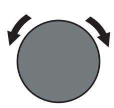
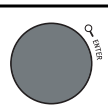
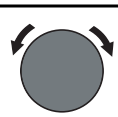
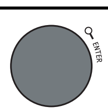
การจัดเก็บเพลงหรือศิลปินที่ต้องการไว้ / Mem-bookmark Lagu atau Artis yang diinginkan

		ภาษาไทย	*Indonesia*
1		**การเปิดใช้งานโหมด Bookmark**	**Mengaktifkan mode Bookmark.**
2		**เลือก "TRACK (Bookmark)" หรือ "ARTIST (Bookmark)"**	**Pilih "TRACK (Bookmark)" atau "ARTIST (Bookmark)".**
3		**เข้าใช้งาน** เพลงหรือศิลปินที่รับฟังในขณะนั้นจะถูกจัดเก็บไว้	**Masukkan.** Track atau artis saat ini di-bookmark.

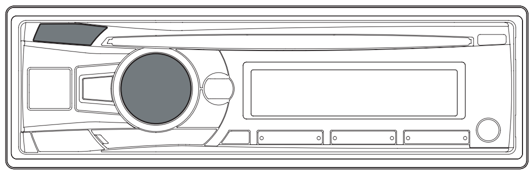
การบันทึกสถานีใหม่ / Membuat Stasiun Baru

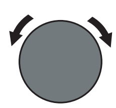
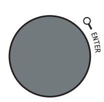
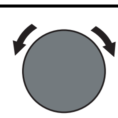
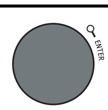
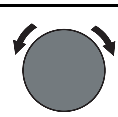
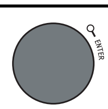
		ภาษาไทย	*Indonesia*
1		การเปิดใช้งานโหมดบันทึกสถานีใหม่	**Mengaktifkan mode Pembuatan Stasiun Baru.**
2		เลือก “TRACK” หรือ “ARTIST”	**Pilih “TRACK” atau “ARTIST”.**
3		**เข้าใช้งาน** สถานีใหม่ที่ขึ้นอยู่กับเพลงหรือศิลปินที่รับฟังในขณะนั้นจะถูกบันทึกไว้	**Masukkan.** Stasiun Baru yang didasarkan track atau artis saat ini dibuat.

การค้นหาสถานีที่ต้องการ / Mencari Stasiun yang diinginkan

		ภาษาไทย	*Indonesia*
1		การเปิดใช้งานโหมดเลือกการค้นหา	**Aktifkan mode pemilihan pencarian.**
2		เลือกโหมดค้นหาที่ต้องการ A-Z (การค้นหาด้วยตัวอักษร) / BY DATE (การค้นหาด้วยวันที่)	**Pilih mode pencarian yang diinginkan.** A-Z (Pencarian berdasarkan Alfabet) / BY DATE (Pencarian berdasarkan Tanggal Ditambahkan)
3		**เข้าใช้งาน**	**Masukkan.**
4		เลือกสถานีที่ต้องการ	**Pilih stasiun yang diinginkan.**
5		**เข้าใช้งาน** ฟังก์ชัน Pandora® จะเล่นสถานีนั้น	**Masukkan.** Pandora® akan memutar stasiun tersebut.

การตั้งเวลา / Mengatur Waktu



		ภาษาไทย	*Indonesia*
1		**เปิดใช้งานโหมด SETUP** กดปุ่มนี้ค้างไว้อย่างน้อย 2 วินาที	**Aktifkan mode SETUP.** Tekan terus selama sedikitnya 2 detik.
2		**เลือกโหมด General**	**Pilih mode General**
3		**เข้าใช้งาน**	**Enter**
4		**เลือกโหมด CLOCK ADJ**	**Pilih mode CLOCK ADJ**
5		**เข้าใช้งาน**	**Enter**
6		**ตั้งค่าชั่วโมง**	**Sesuaikan jam.**
7		**เข้าใช้งาน** ทำซ้ำขั้นตอนที่ 6 และ 7 เพื่อปรับตั้งนาที	**Enter** Ulangi langkah 6 dan 7 untuk menyesuaikan menit.
8		**กลับไปยังโหมดปกติ** กดปุ่มนี้ค้างไว้อย่างน้อย 2 วินาที	**Kembali ke mode normal.** Tekan terus selama sedikitnya 2 detik.

ข้อมูลจำเพาะ / Spesifikasi

ส่วนจูนเนอร์ FM

ช่วงจูนสัญญาณ	87.5-108.0 MHz

ส่วนจูนเนอร์ AM

ช่วงจูนสัญญาณ	531-1,602 kHz

ทั่วไป

ความต้องการกำลังไฟ	14.4 V DC (สามารถใช้ไฟ 11-16 V ได้)
กำลังขับสูงสุด	50 W × 4
น้ำหนัก	1.4 กก. (3 ปอนด์ 1 ออนซ์)

ขนาดแชสซีส

กว้าง	178 มม. (7")
สูง	50 มม. (2")
ลึก	161.5 มม. (6-3/8")

ส่วน BLUETOOTH

BLUETOOTH ข้อมูลจำเพาะ	Bluetooth V2.1 + EDR
กำลังขับ	สูงสุด +4 dBm (ระดับกำลังขับ 2)
โปรไฟล์	HFP (โปรไฟล์ Hands-Free) HSP (โปรไฟล์ Head Set) A2DP (โปรไฟล์ส่งข้อมูลเสียงขั้นสูง) AVRCP (โปรไฟล์ควบคุมไฟล์เสียง/ภาพระยะไกล)

- *Windows Media และ โลโก้ Windows เป็นเครื่องหมายการค้าหรือเครื่องหมายการค้าจดทะเบียนของบริษัท Microsoft Corporation ในประเทศสหรัฐอเมริกา และ/หรือประเทศอื่นๆ*
- *iPhone, iPod, iPod คลาสสิค, iPod นาโน และ iPod ทัช เป็นเครื่องหมายการค้าของบริษัท Apple Inc. ซึ่งจดทะเบียนในประเทศสหรัฐอเมริกาและประเทศอื่นๆ*
- *"Made for iPod," และ "Made for iPhone," หมายความว่าอุปกรณ์เสริมอิเล็กทรอนิกส์ดังกล่าวได้รับการออกแบบมาโดยเฉพาะเพื่อเชื่อมต่อกับเครื่อง iPod หรือ iPhone ตามลำดับ และได้รับการรับรองโดยผู้พัฒนาว่าได้มาตรฐานด้านประสิทธิภาพของ Apple Apple จะไม่รับผิดชอบต่อการใช้งานผลิตภัณฑ์นี้หรือความได้มาตรฐานด้านความปลอดภัยและข้อบังคับต่างๆ พึงระลึกไว้เสมอว่า การใช้งานอุปกรณ์เสริมชิ้นนี้ร่วมกับเครื่อง iPod หรือ iPhone อาจส่งผลกระทบต่อประสิทธิภาพของสัญญาณไร้สาย*
- *เครื่องหมายคำว่า BLUETOOTH® และตราสัญลักษณ์ได้รับการจดทะเบียนเครื่องหมายการค้าที่เป็นสิทธิครอบครองโดย Bluetooth SIG, Inc. และการใช้งานเครื่องหมายดังกล่าวโดย Alpine Electronics, Inc. จะเป็นการใช้งานภายใต้ใบอนุญาตใช้งาน เครื่องหมายการค้าและชื่อทางการค้าอื่นๆ นั้นครอบครองโดยเจ้าของแต่ละราย*
- *เทคโนโลยีการเข้ารหัสไฟล์เสียงแบบ MPEG Layer-3 ได้รับอนุญาตจากบริษัท Fraunhofer IIS และ Thomson ผลิตภัณฑ์ที่จัดจำหน่ายได้รับอนุญาตให้ใช้งานเป็นการส่วนตัวและไม่ใช่เชิงพาณิชย์ โดยไม่อนุญาตให้ใช้งานในการออกอากาศแบบเรียลไทม์เชิงพาณิชย์ (เช่น เพื่อหารายได้) (ภาคพื้นดิน ผ่านดาวเทียม สายเคเบิล และ/หรือ สื่ออื่นๆ), การออกอากาศ/สตรีมมิ่งผ่านอินเทอร์เน็ต อินทราเน็ต และ/หรือเครือข่ายอื่นๆ หรือระบบจัดสรรเนื้อหาแบบอิเล็กทรอนิกส์ เช่น โปรแกรมวิทยุแบบชำระเงินหรือแบบรับฟังเสียงตามประสงค์ ซึ่งจำเป็นต้องขอใบอนุญาตเป็นการเฉพาะสำหรับใช้งานดังกล่าว โปรดดูรายละเอียดเพิ่มเติมได้ที่เว็บไซต์ http://www.mp3licensing.com*
- *Pandora, โลโก้ Pandora และรูปลักษณ์ของ Pandora เป็นเครื่องหมายการค้าหรือเครื่องหมายการค้าจดทะเบียนที่ได้รับอนุญาตให้ใช้ของบริษัท Pandora Media, Inc. โดยปัจจุบัน Pandora สามารถใช้ได้ในประเทศสหรัฐอเมริกา ออสเตรเลีย และนิวซีแลนด์*
- *Android เป็นเครื่องหมายการค้าของ Google Inc.*

BAGIAN TUNER FM

Kisaran Setelan	87,5-108,0 MHz

BAGIAN TUNER AM

Kisaran Setelan	531-1.062 kHz

UM UM

Persyaratan Daya	14,4 V DC (11-16 V dibolehkan)
Output Daya Maksimum	50 W × 4
Berat	1,4 kg (3 lbs. 1 oz)

UKURAN CHASSIS

Lebar	178 mm (7")
Tinggi	50 mm (2")
Dalam	161,5 mm (6-3/8")

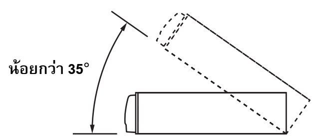
BAGIAN BLUETOOTH

BLUETOOTH Spesifikasi	Bluetooth V2.1 + EDR
Daya Output	+4 dBm Maks. (Kelas daya 2)
Profil	HFP (Profil Hands-Free) HSP (Profil Head Set) A2DP (Profil Distribusi Audio Mutakhir) AVRCP (Profil Kontrol Jarak Jauh Audio/Video)

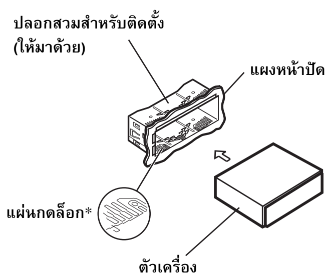
- *Logo Windows Media dan Windows adalah merek dagang, atau merek dagang terdaftar dari Microsoft Corporation di Amerika Serikat dan di negara-negara lain.*
- *iPhone, iPod, iPod classic, iPod nano, dan iPod touch adalah merek dagang dari Apple Inc., yang terdaftar di A.S. dan di negara-negara lain.*
- *"Made for iPod," dan "Made for iPhone," menunjukkan bahwa aksesori elektronik tersebut telah dirancang untuk dihubungkan secara khusus ke masing-masing iPod, atau iPhone, dan telah disertifikasi oleh pengembang untuk memenuhi standar performa Apple. Apple tidak bertanggung jawab atas pengoperasian perangkat ini atau kepatuhannya pada standar keselamatan dan regulasi. Harap diperhatikan bahwa penggunaan aksesori ini dengan iPod atau iPhone dapat mempengaruhi performa nirkabel.*
- *Merek kata dan logo BLUETOOTH® adalah merek dagang terdaftar dari Bluetooth SIG, Inc. dan merek tersebut digunakan oleh Alpine Electronics, Inc. berdasarkan lisensi. Merek dagang dan nama dagang lainnya adalah milik masing-masing pemilik.*
- *Teknologi penyandian audio MPEG Layer-3 dilisensikan dari Fraunhofer IIS dan Thomson. Penyediaan produk ini hanya memberikan lisensi untuk penggunaan pribadi, non-komersial dan tidak memberikan lisensi atau menyiratkan hak apa pun untuk menggunakan produk ini untuk keperluan penyiaran dalam waktu-nyata (darat, satelit, kabel, dan/atau media apa pun lainnya) apa pun yang bersifat komersial (yakni, untuk memperoleh pendapatan), penyiaran/streaming melalui internet, intranet dan/atau jaringan lainnya, atau dalam sistem distribusi konten elektronik lainnya, seperti aplikasi audio berbayar atau audio saat dibutuhkan. Penggunaan tersebut memerlukan lisensi yang terpisah. Untuk informasi selengkapnya, kunjungi http://www.mp3licensing.com*
- *Pandora, logo Pandora, dan kemasan dagang Pandora adalah merek dagang atau merek dagang terdaftar dari Pandora Media, Inc., yang digunakan dengan izin. Pandora saat ini tersedia di A.S., Australia, dan Selandia Baru.*
- *Android adalah merek dagang dari Google Inc.*

การติดตั้ง / Pemasangan

- *เมื่อทำการเชื่อมต่อกับระบบไฟฟ้าของรถยนต์ โปรดตรวจสอบอุปกรณ์ที่ติดตั้งมาจากโรงงาน (เช่น คอมพิวเตอร์ออนบอร์ด) ห้ามลักลอบเชื่อมต่อเข้ากับสายไฟเพื่อจ่ายไฟให้เครื่องนี้ เมื่อต้องการเชื่อมต่อเครื่อง CDE-154EBT/CDE-154EBTTH เข้ากับกล่องฟิวส์ ต้องตรวจสอบให้แน่ใจว่า ฟิวส์ของวงจรที่จะใช้กับเครื่อง CDE-154EBT/CDE-154EBTTH มีขนาดแอมแปร์เหมาะสม การละเลยไม่ปฏิบัติตามอาจเป็นสาเหตุทำให้เครื่อง และ/หรือ รถยนต์ได้รับความเสียหาย หากมีข้อสงสัย โปรดสอบถามจากผู้แทนจำหน่าย Alpine ของท่าน*
- *ต้องติดตั้งตัวเครื่องหลักทำมุมไม่เกิน 35 องศา จากแนวระนาบ จากหลังไปหน้า*

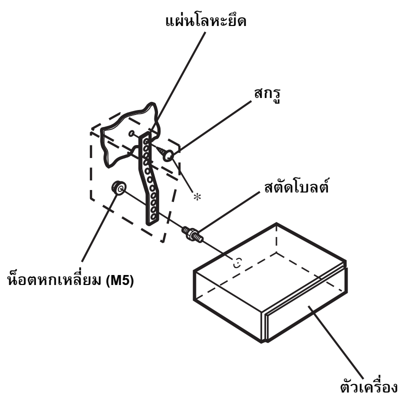


1



* *ถ้าปลอกสวมสำหรับติดตั้งหลวมเกินไปเมื่อติดตั้งเข้ากับแผงหน้าปัดให้งอแผ่นกดล็อกเล็กน้อยเพื่อแก้ไขปัญหา*

2



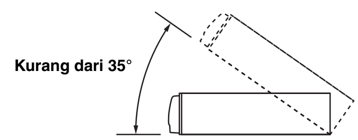
ยึดสายกราวน์ของเครื่องเข้ากับโลหะตัวถัง

- *สำหรับตำแหน่งสกรูที่ตำแหน่ง "*" ให้ใช้สกรูที่เหมาะสมกับตำแหน่งยึดที่เลือกไว้*

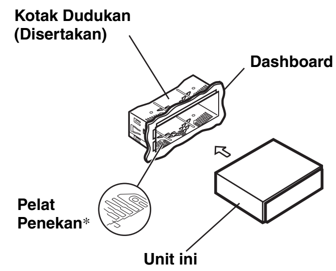
3

สอดเลื่อนตัวเครื่อง CDE-154EBT/CDE-154EBTTH เข้าไปในแผงหน้าปัดจนกระทั่งได้ยินเสียงคลิกเข้าที่ ซึ่งแสดงว่าตัวเครื่องเข้าล็อกอย่างถูกต้องและไม่หลุดออกจากแผงหน้าปัด

- *Ketika menyambungkan ke sistem kelistrikan kendaraan, perhatikan komponen yang dipasang pabrik (mis. komputer on-board). Jangan gunakan kabel ini untuk mencatu daya ke unit. Ketika menyambungkan CDE-154EBT/CDE-154EBTTH ke kotak sekering, pastikan sekering untuk sirkuit CDE-154EBT/CDE-154EBTTH memiliki rating ampere yang sesuai. Jika tidak dilakukan dapat mengakibatkan kerusakan pada unit dan/atau kendaraan. Jika ragu-ragu, konsultasikan dengan dealer Alpine Anda.*
- *Unit utama harus dipasang dengan kemiringan di bawah 35 derajat dari bidang horizontal, dari belakang ke depan.*

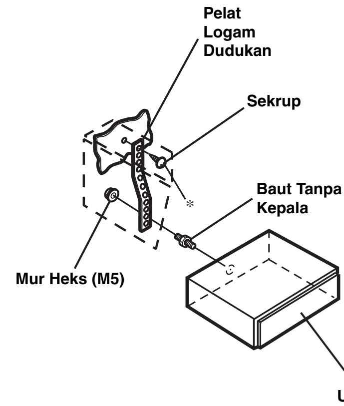


1



* *Jika kotak dudukan kendor pada dashboad, pelat penekan dapat ditekuk sedikit untuk mengatasi masalah tersebut.*

2



Kencangkan kabel ground pada unit ke titik logam yang bersih.

- *Untuk sekrup bertanda "*", gunakan sekrup yang sesuai untuk lokasi pemasangan yang dipilih.*

3

Geser untuk memasukkan CDE-154EBT/CDE-154EBTTH ke dalam dashboard sampai berbunyi klik. Hal ini memastikan bahwa unit telah terkunci dengan baik dan tidak akan terlepas tanpa sengaja dari dashboard.

การเชื่อมต่อ / Sambungan

